Module 4.3: Generating service-level reports: AAC

For further information, contact:
ROOT@rcslt.org

ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

Introduction

- The ROOT aggregates data collected across an SLT service and generates reports on groups of service users for that service to view
- Filters can be applied to the reports to enable the service to drill down to analyse the data at the required level for reporting purposes (e.g. age, diagnosis, date range)
- Reports are anonymised and do not contain any information for fewer than 6 service users
- Benchmarking reports can be generated to enable the SLT service to compare their outcomes with that of others using the ROOT. Individuals services are not identifiable.

ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

Introduction

- There are three categories of service-level report currently available on the ROOT:
  - General reports
  - Quarterly reports
  - AAC reports
- In response to user feedback, improvements have recently been made to these report types.
- It is still possible to access the old versions of reports, but once the new-style reports have been fully developed and tested, the old-style reports will be removed.

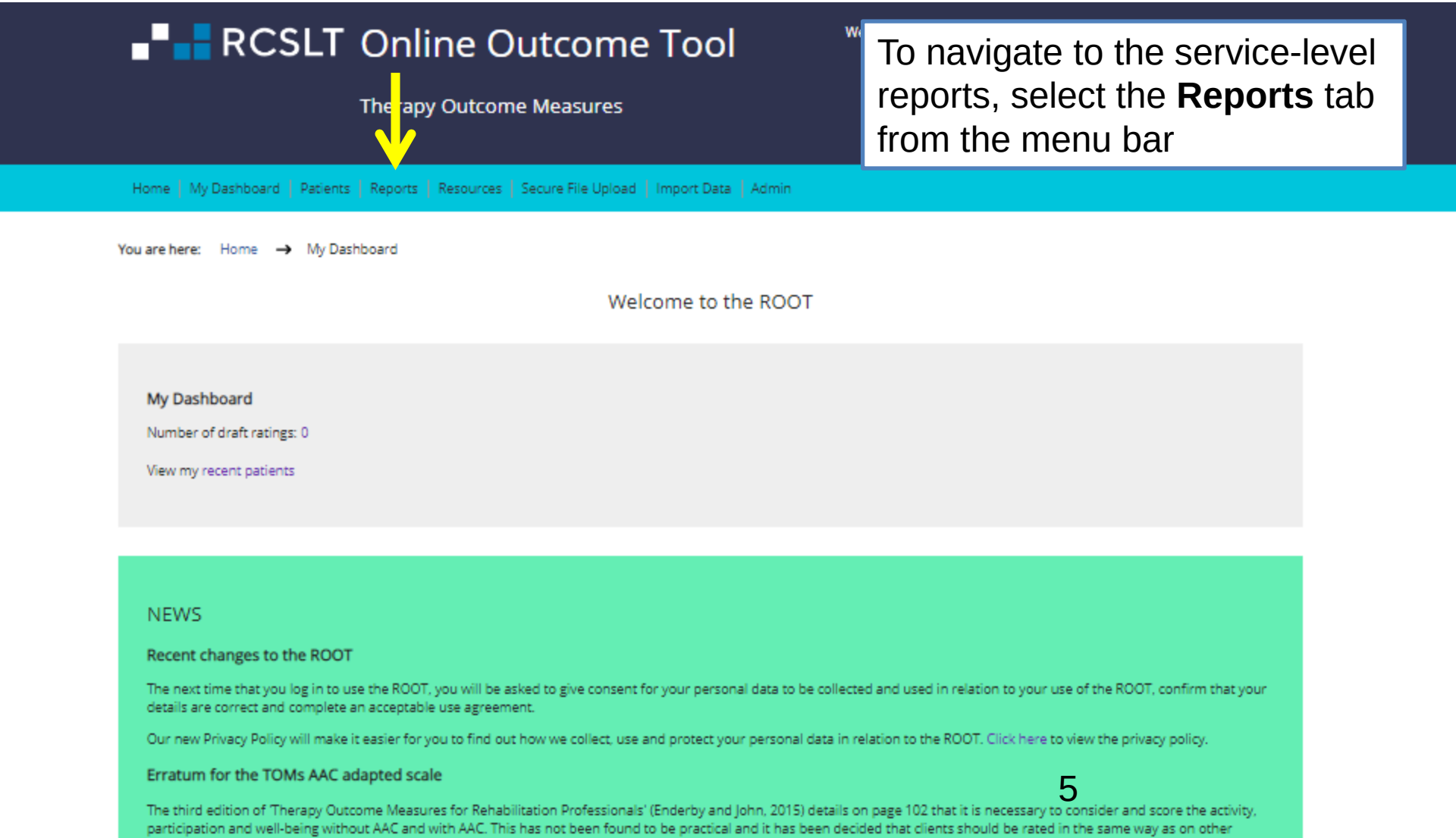
ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

Introduction

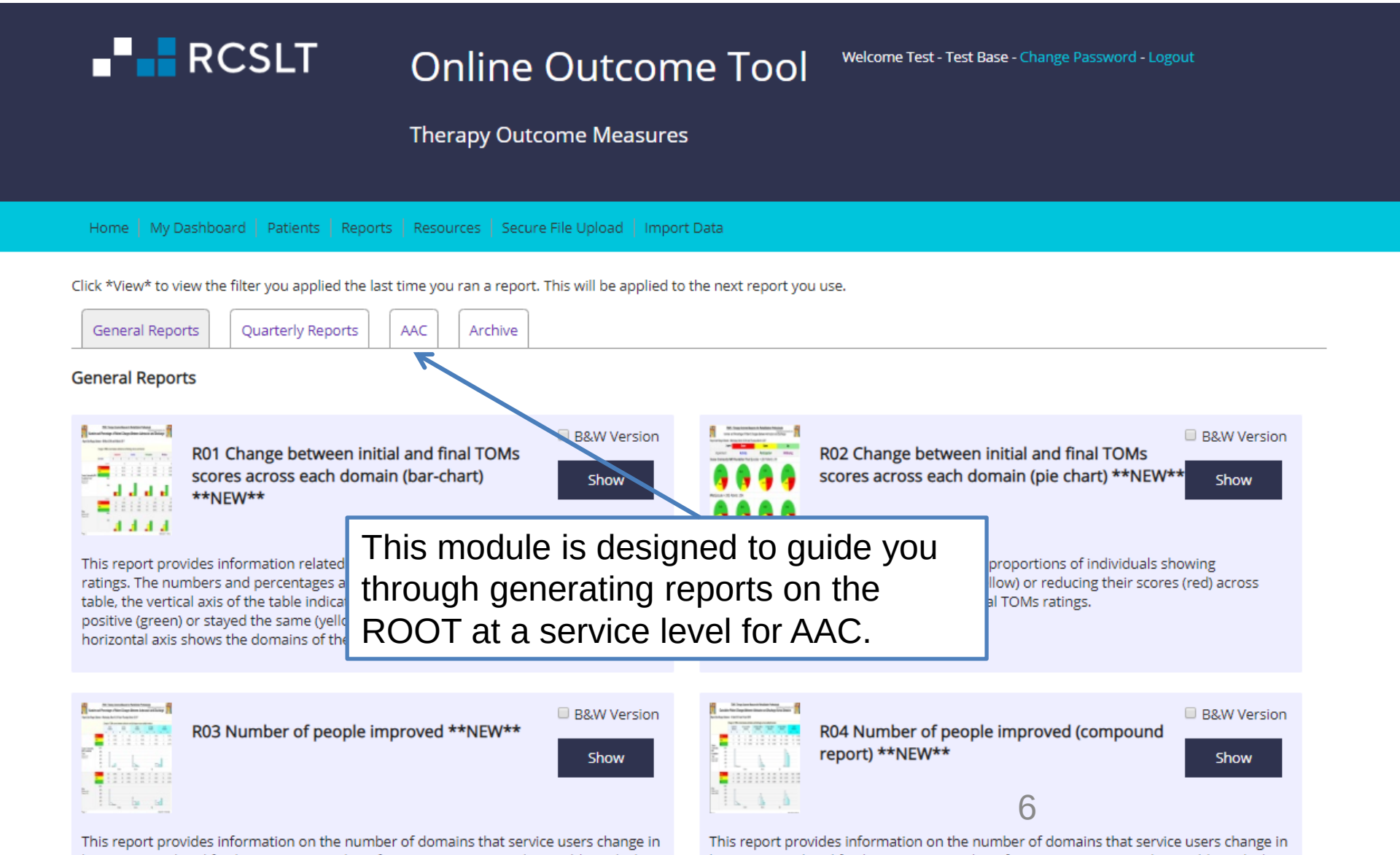
- This module is designed to guide you through generating reports on the ROOT at a service level for AAC. As the AAC TOMs scale has a different structure from the majority of the other scales, specific reports have been created.
- Other modules are available to support with:
  - Generating reports for individual service users (module 4.1)
  - Generating service-level reports: general reports and quarterly reports (module 4.2)
  - Generating service-level data reports using the old report viewer (module 4.4)
- This module is relevant to those using the ‘direct data entry’ and ‘data upload’ methods of recording TOMs in the ROOT

ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

Generating service-level reports

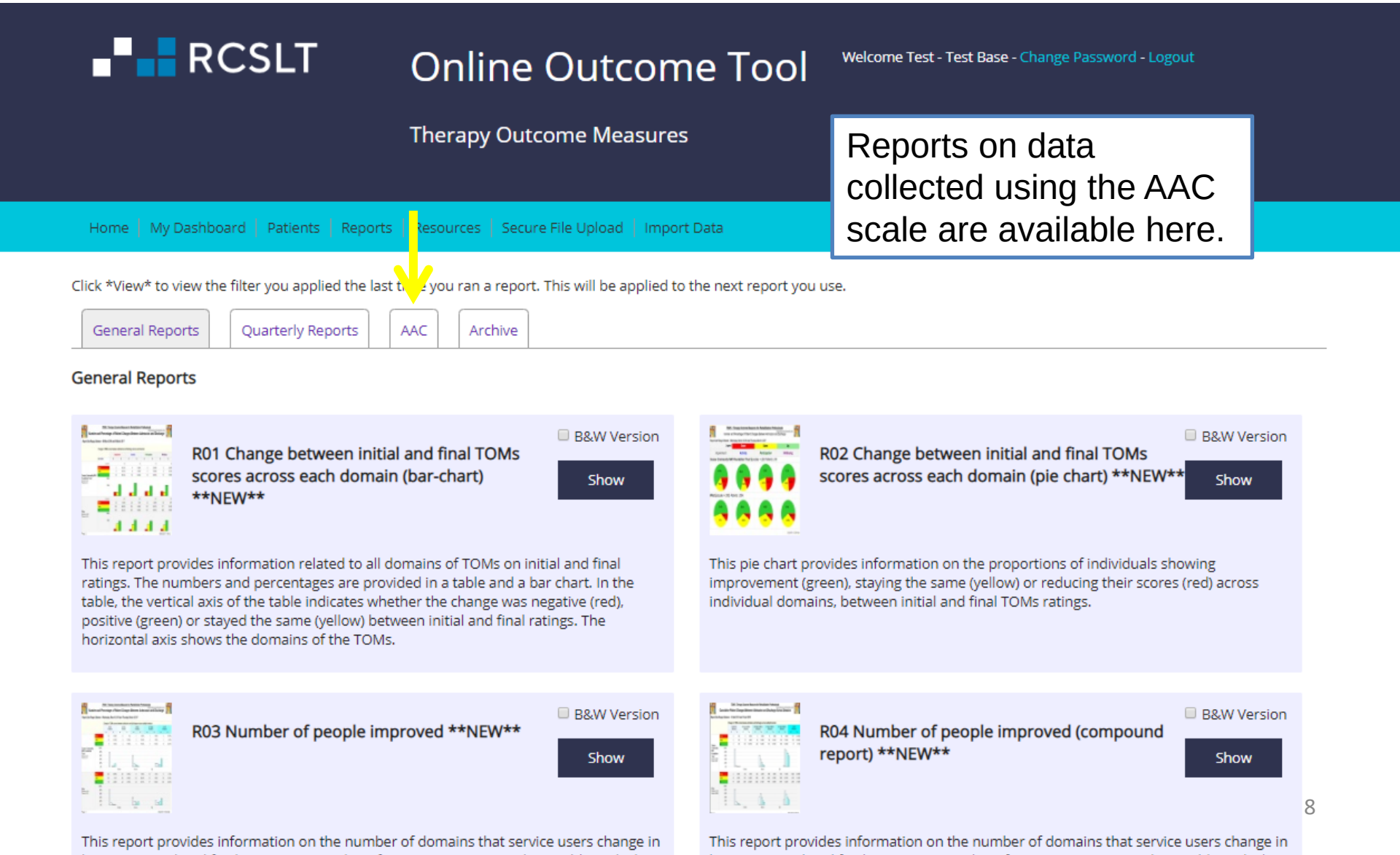


Generating service-level reports



AAC REPORTS

Generating service-level reports: AAC



Generating service-level reports: AAC

RCSLT

Online Outcome Tool

Therapy Outcome Measures

Welcome Test - Test Base - Change Password - Logout

Choose your report and select **Show**

Home | My Dashboard | Patients | Reports | Resources | Secure File Upload | Import Data

Click *View* to view the filter you applied the last time you ran a report. This will be applied to the next report you use.

General Reports | Quarterly Reports | AAC | Archive

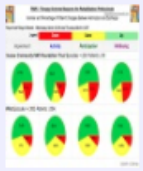
AAC

(AAC) R01 Change between initial and final TOMs scores across each domain (bar-chart) **NEW**

B&W Version

Show

This report provides information related to all domains of TOMs on initial and final ratings. The numbers and percentages are provided in a table and a bar chart. In the table, the vertical axis of the table indicates whether the change was negative (red), positive (green) or stayed the same (yellow) between initial and final ratings. The horizontal axis shows the domains of the TOMs.



(AAC) R02 Change between initial and final TOMs scores across each domain (pie chart) **NEW**

B&W Version

Show

This pie chart provides information on the proportions of individuals showing improvement (green), staying the same (yellow) or reducing their scores (red) across individual domains, between initial and final TOMs ratings.

(AAC) R03 Number of people improved **NEW**

B&W Version

Show

(AAC) R04 Number of people improved (compound report) **NEW**

B&W Version

Show

Generating service-level reports: AAC

RCSLT Online Outcome Tool

Therapy Outcome Measures

Welcome Test - Test Base - Change Password - Logout

Each report also has a black and white version. Select this box before clicking **show**.

Home | My Dashboard | Patients | Reports | Resources | Secure File Upload | Import Data

Click *View* to view the filter you applied the last time you ran a report. This will be applied to the next report you use.

General Reports | Quarterly Reports | AAC | Archive

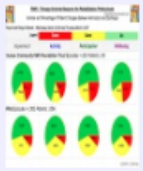
AAC

(AAC) R01 Change between initial and final TOMs scores across each domain (bar-chart) **NEW**

B&W Version

Show

This report provides information related to all domains of TOMs on initial and final ratings. The numbers and percentages are provided in a table and a bar chart. In the table, the vertical axis of the table indicates whether the change was negative (red), positive (green) or stayed the same (yellow) between initial and final ratings. The horizontal axis shows the domains of the TOMs.



(AAC) R02 Change between initial and final TOMs scores across each domain (pie chart) **NEW**

B&W Version

Show

This pie chart provides information on the proportions of individuals showing improvement (green), staying the same (yellow) or reducing their scores (red) across individual domains, between initial and final TOMs ratings.

(AAC) R03 Number of people improved **NEW**

B&W Version

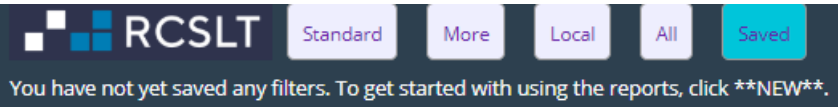
Show

(AAC) R04 Number of people improved (compound report) **NEW**

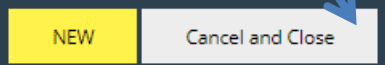
B&W Version

Show

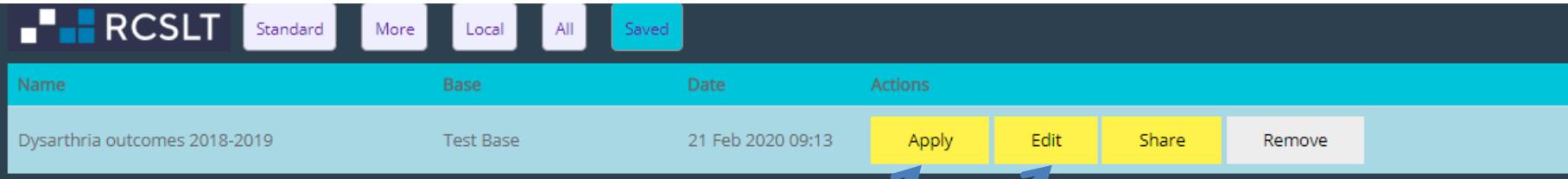
Generating service-level reports: AAC



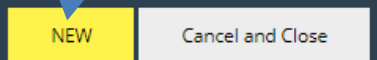
If you haven't used the reporting functions before, this screen will be blank and you should select '**new**' to start.



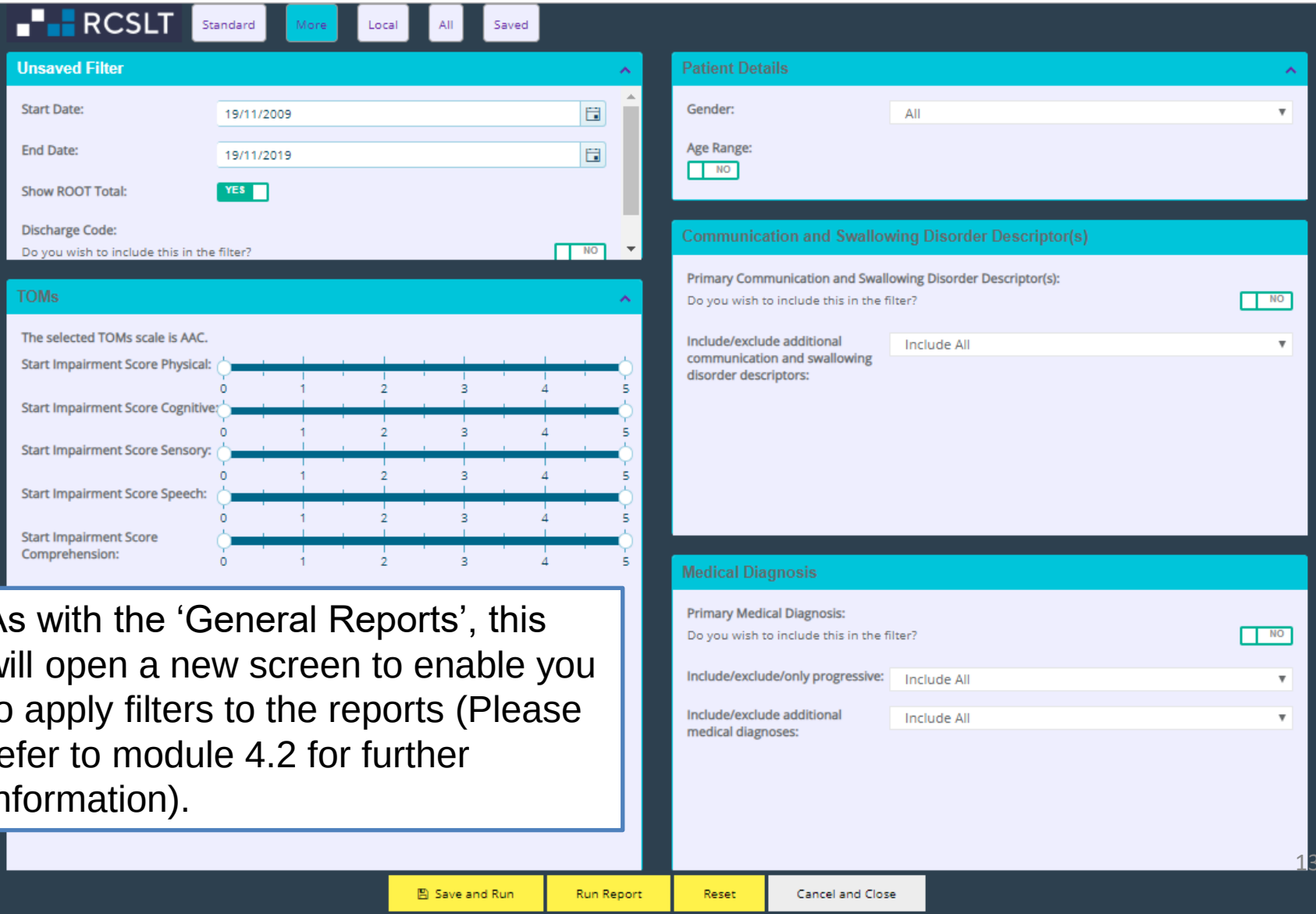
Generating service-level reports: AAC



If you have used the reports before, you will be presented with a screen showing a list of filters that you have saved. You can choose to run this again by clicking '**apply**', amend by clicking '**edit**' or start from scratch by clicking '**new**'.

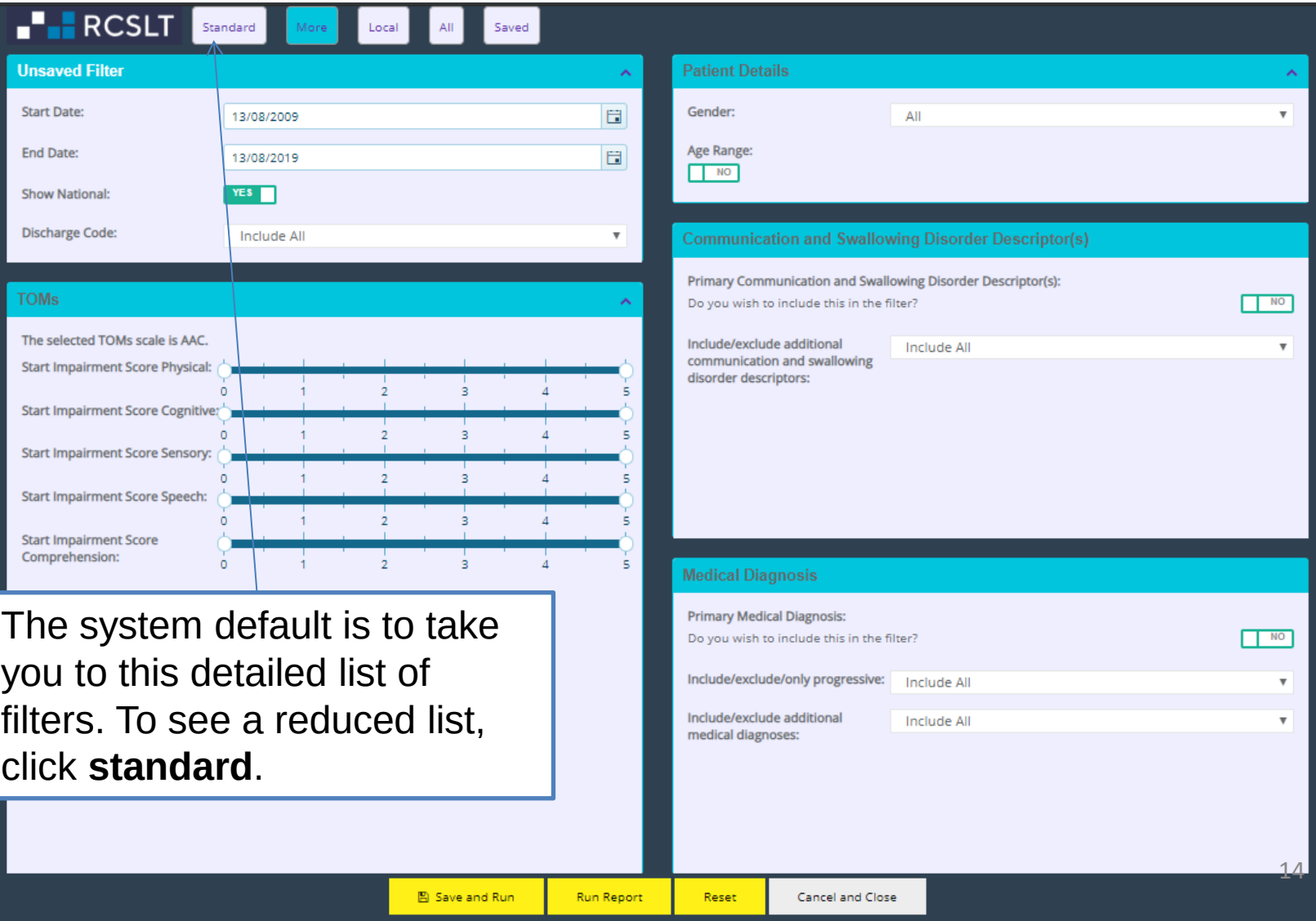


Generating service-level reports: AAC



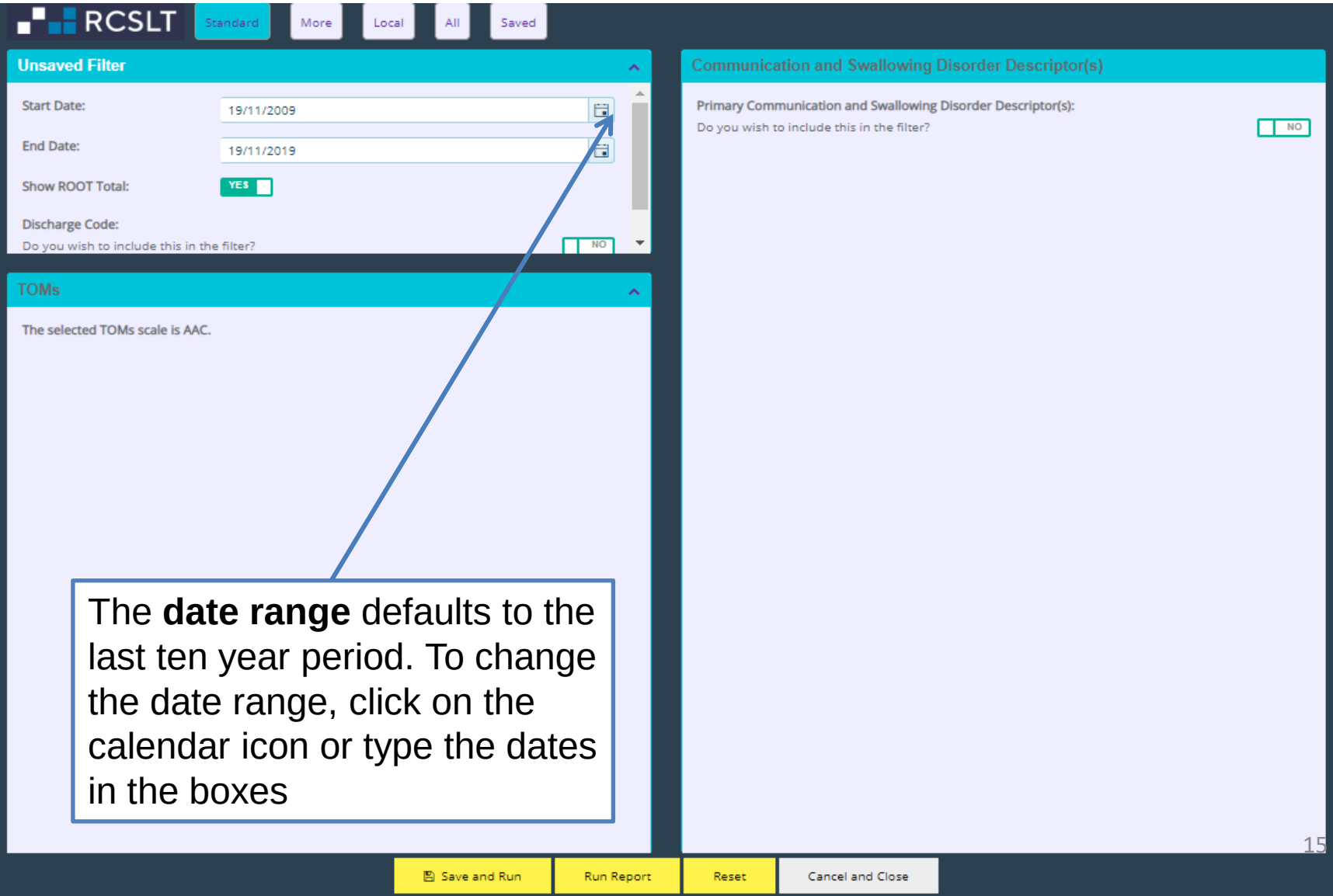
As with the ‘General Reports’, this will open a new screen to enable you to apply filters to the reports (Please refer to module 4.2 for further information).

Generating service-level reports: AAC

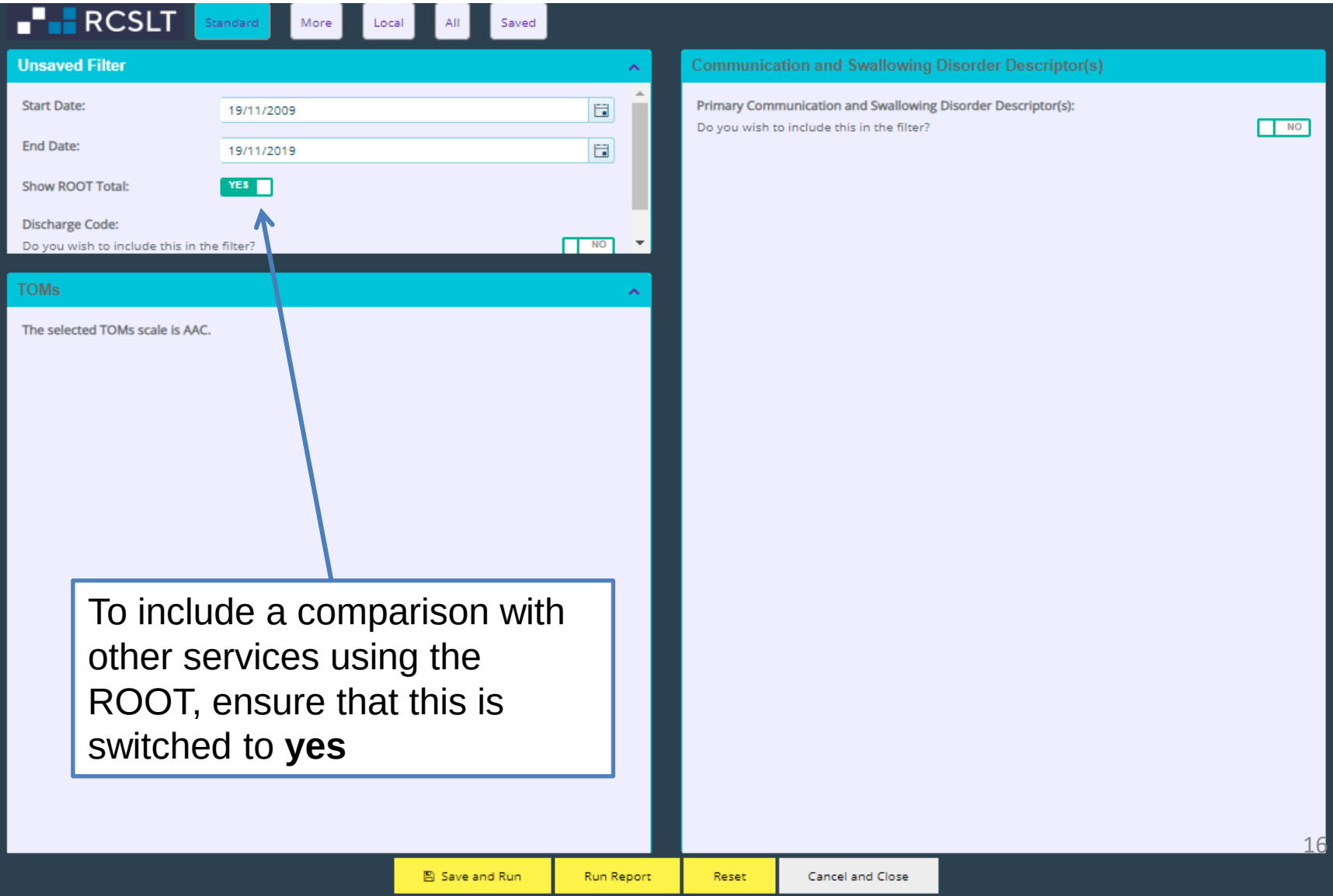


The system default is to take you to this detailed list of filters. To see a reduced list, click **standard**.

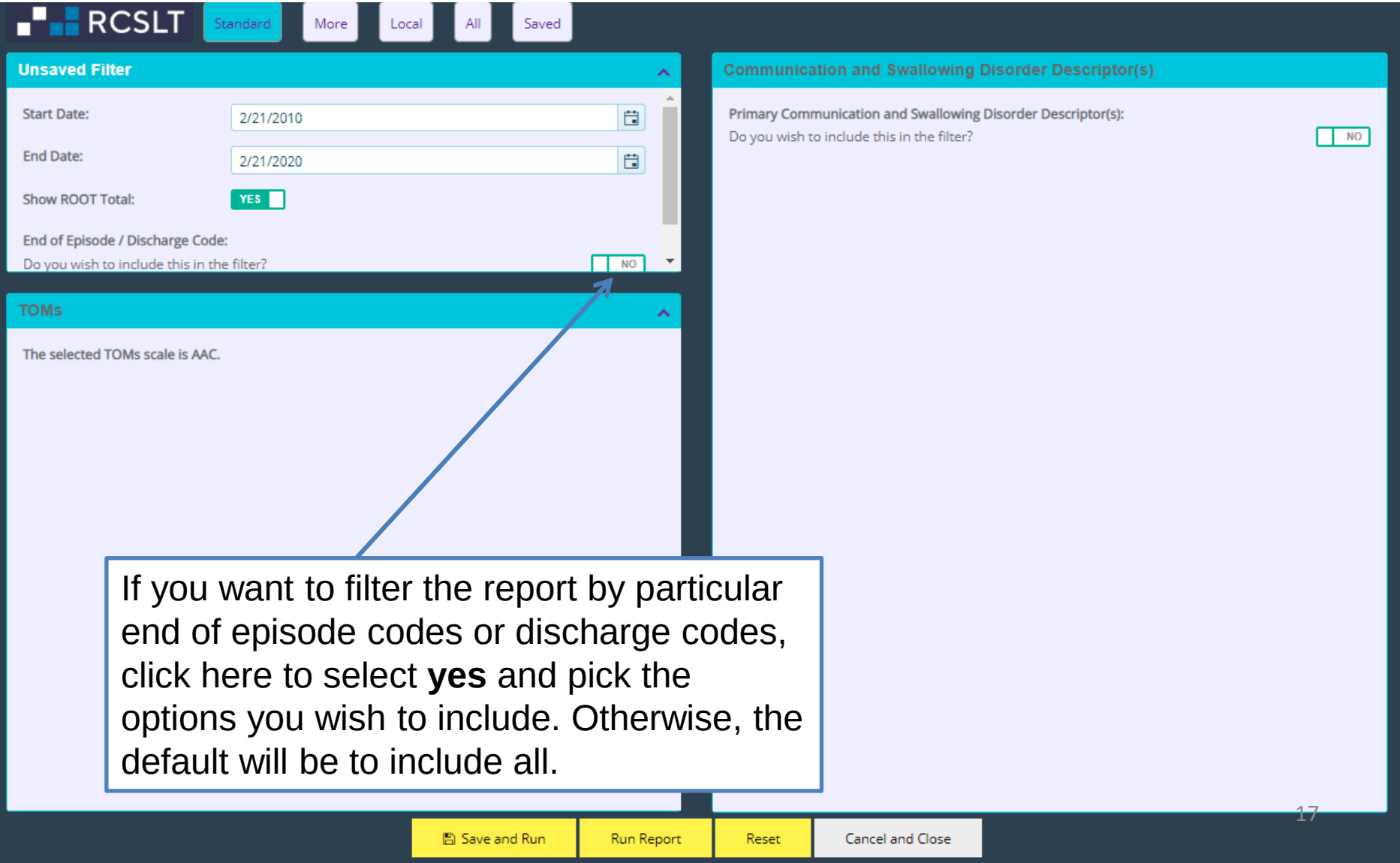
Generating service-level reports – standard options



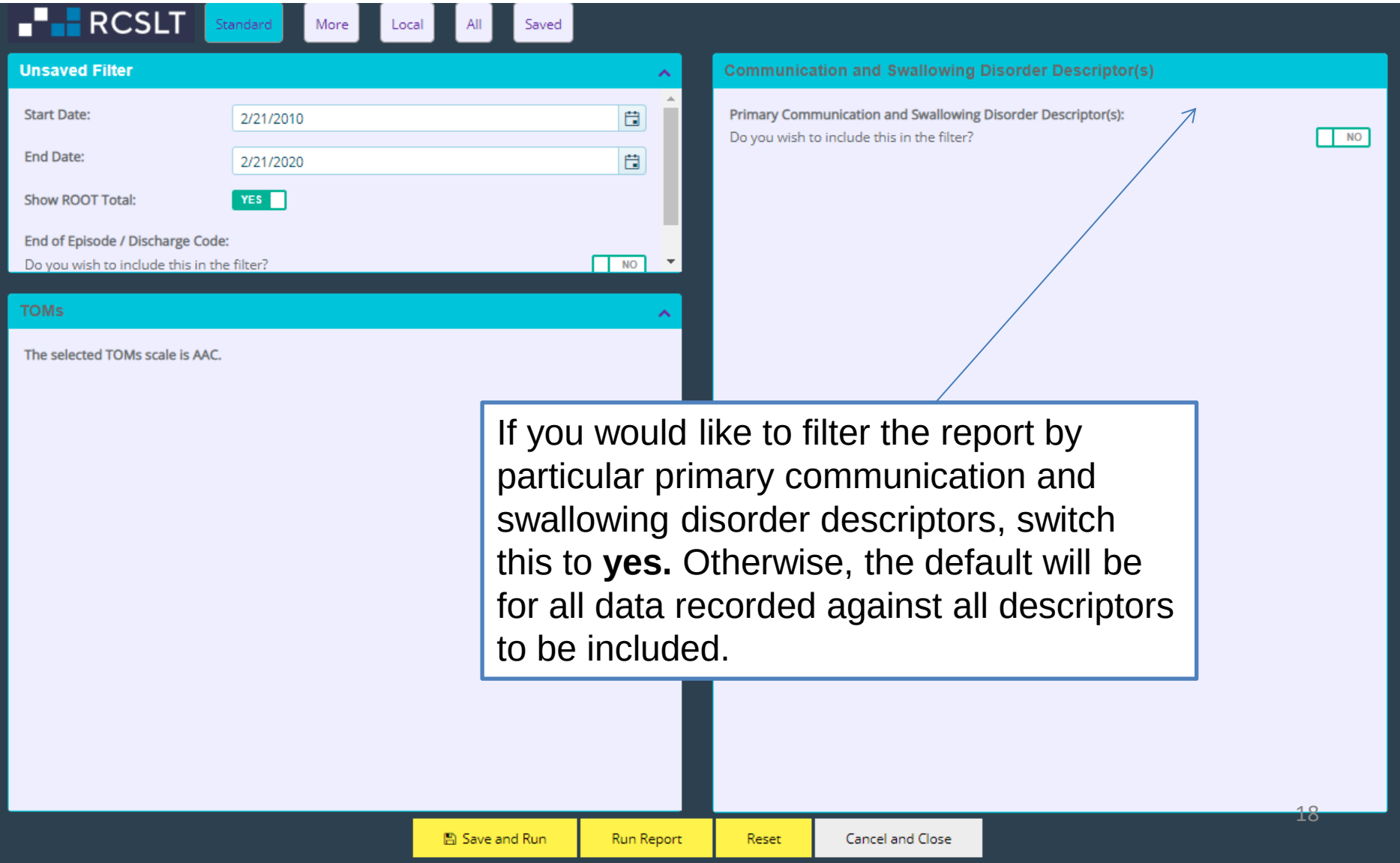
Generating service-level reports – standard options



Generating service-level reports – standard options

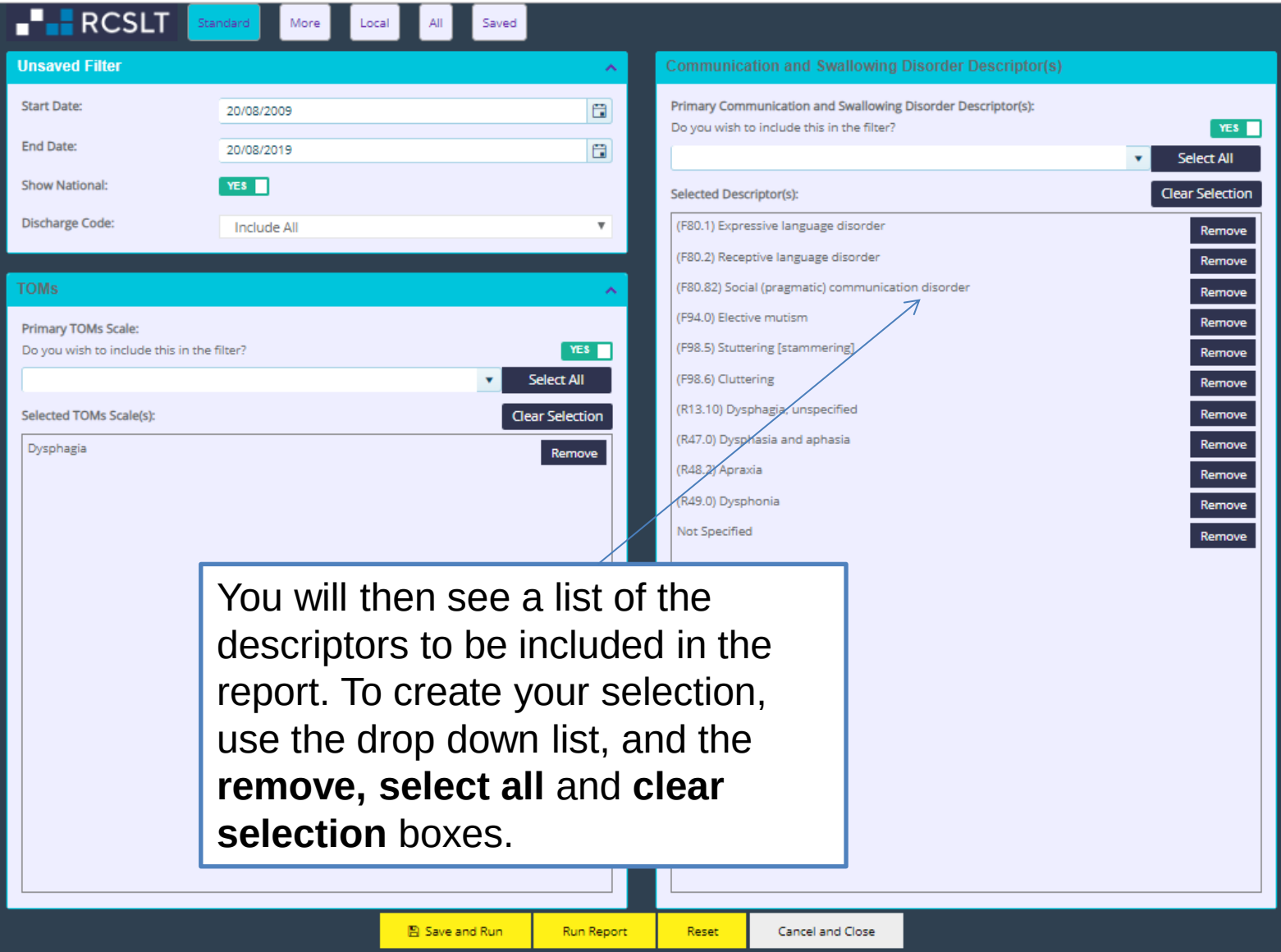


Generating service-level reports – standard options



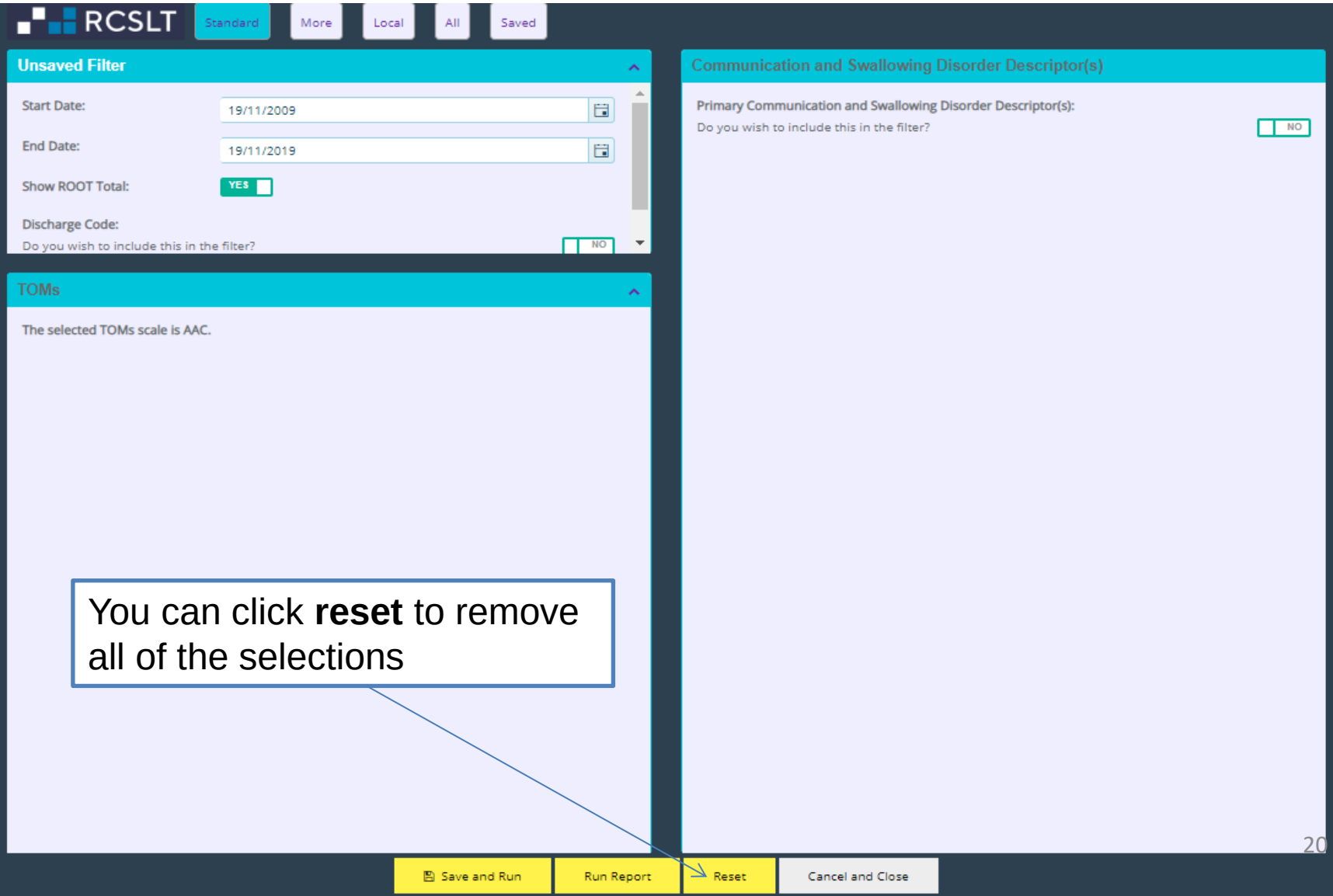
If you would like to filter the report by particular primary communication and swallowing disorder descriptors, switch this to **yes.** Otherwise, the default will be for all data recorded against all descriptors to be included.

Generating service-level reports – standard options

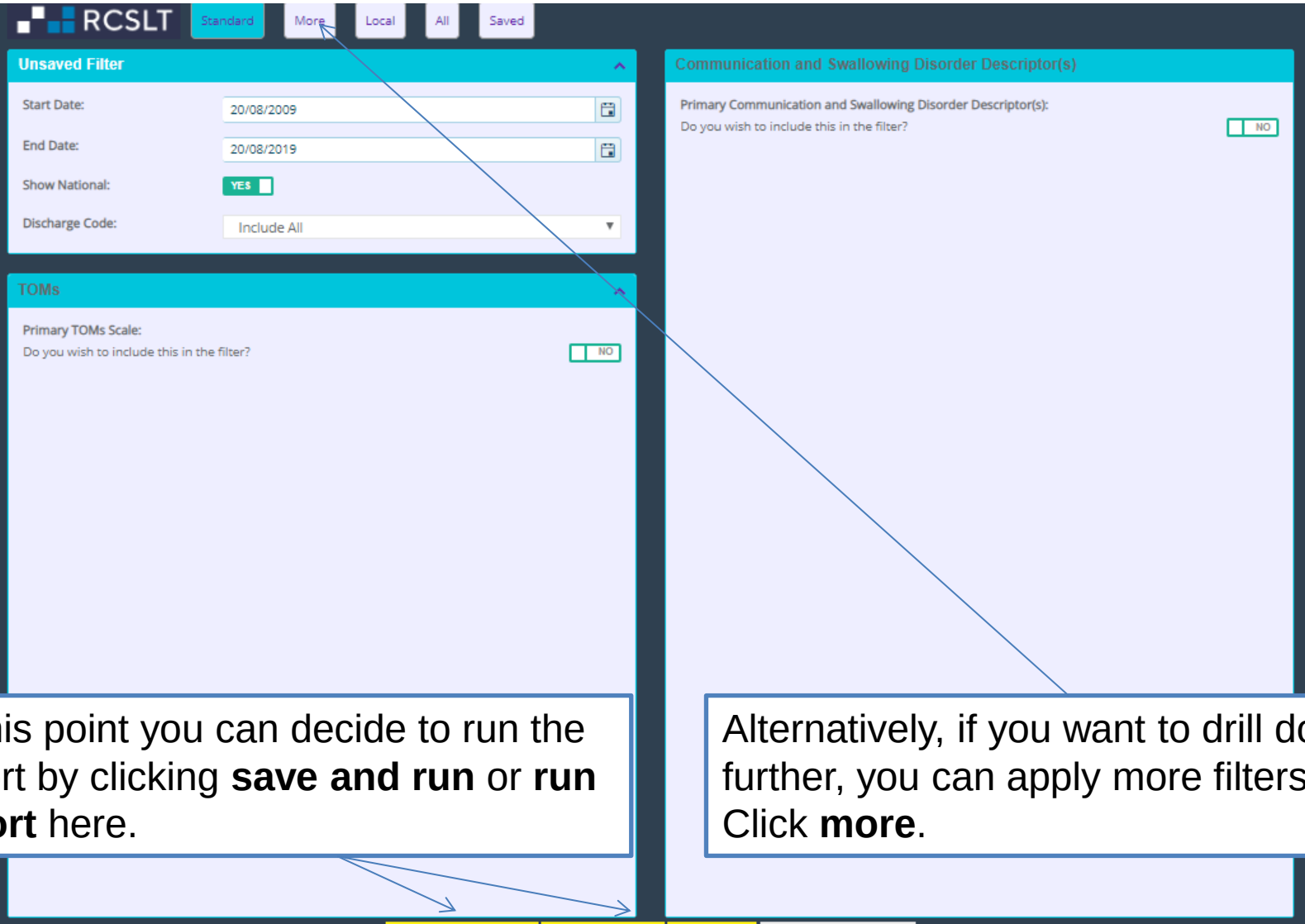


You will then see a list of the descriptors to be included in the report. To create your selection, use the drop down list, and the **remove, select all** and **clear selection** boxes.

Generating service-level reports: AAC



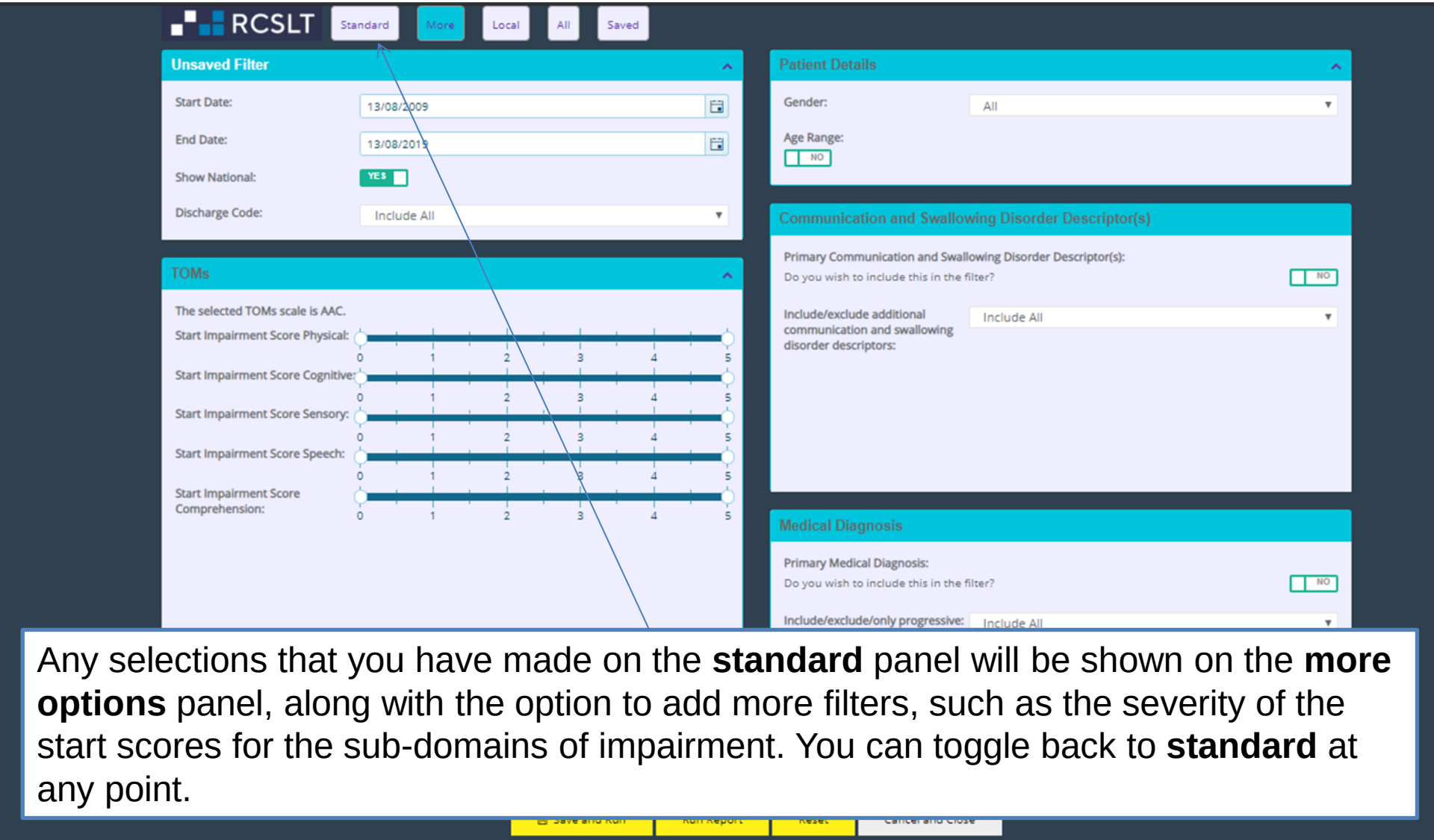
Generating service-level reports – standard options



At this point you can decide to run the report by clicking **save and run** or **run report** here.

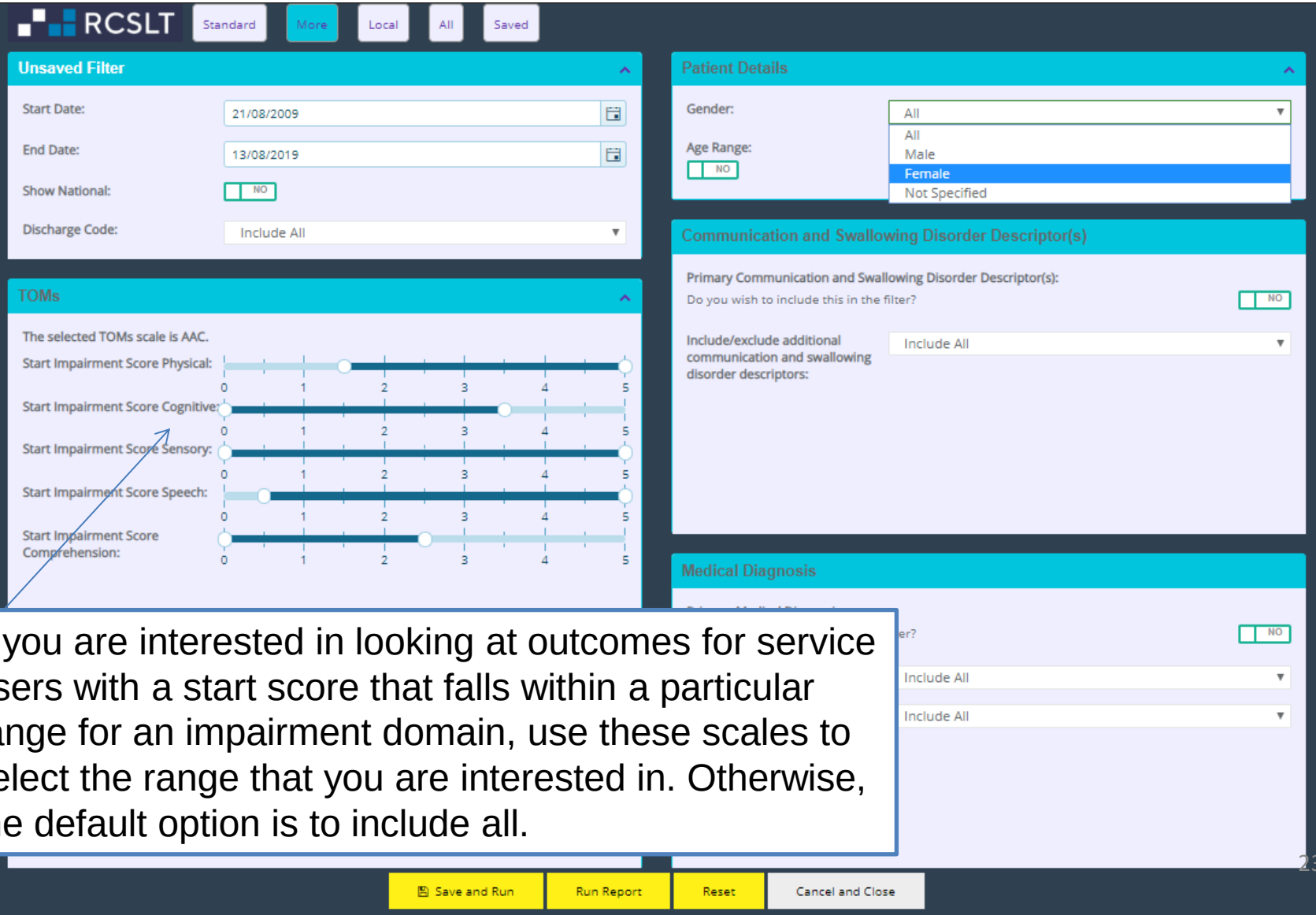
Alternatively, if you want to drill down further, you can apply more filters. Click **more**.

Generating service-level reports – more options



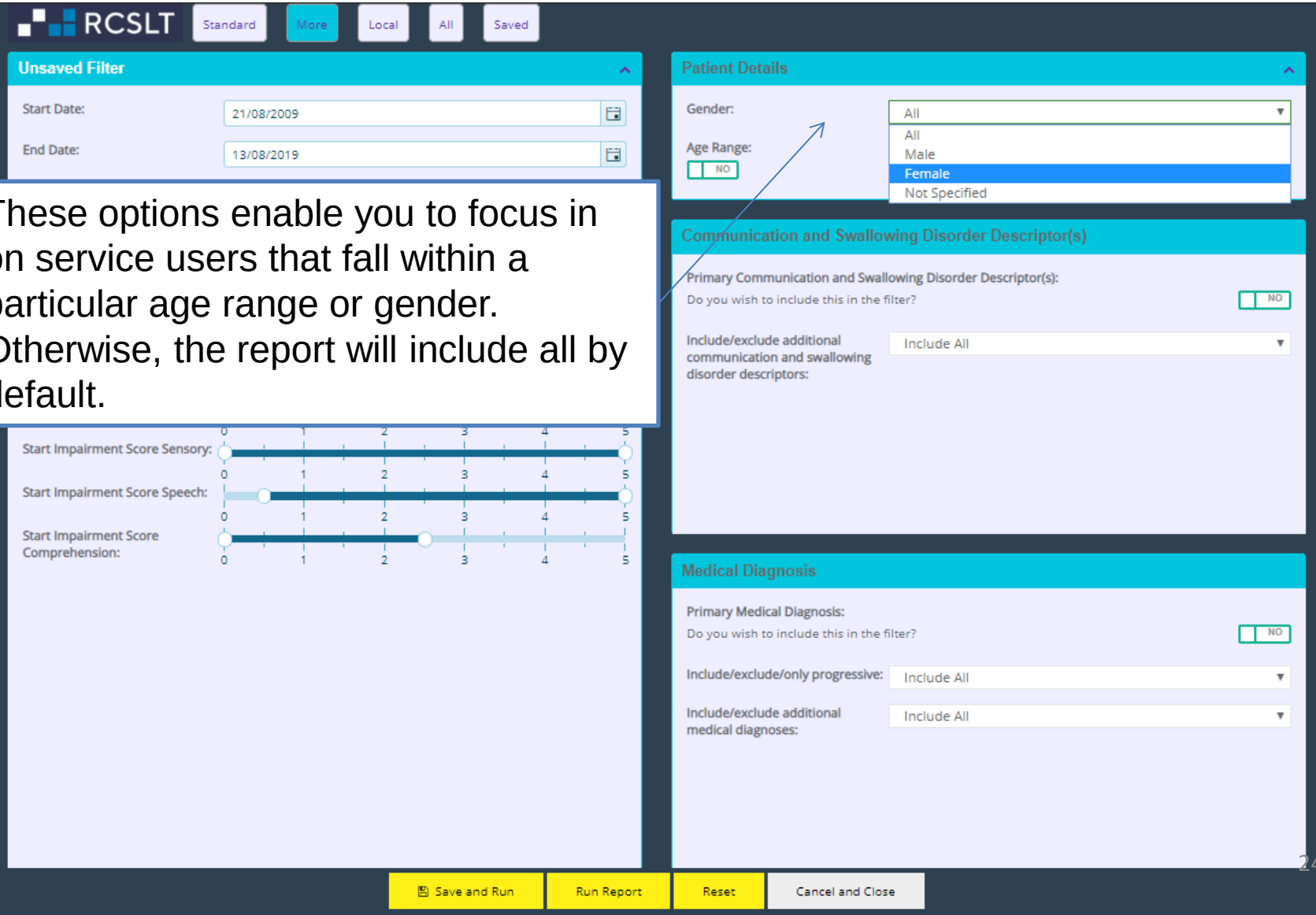
Any selections that you have made on the **standard** panel will be shown on the **more options** panel, along with the option to add more filters, such as the severity of the start scores for the sub-domains of impairment. You can toggle back to **standard** at any point.

Generating service-level reports – more options



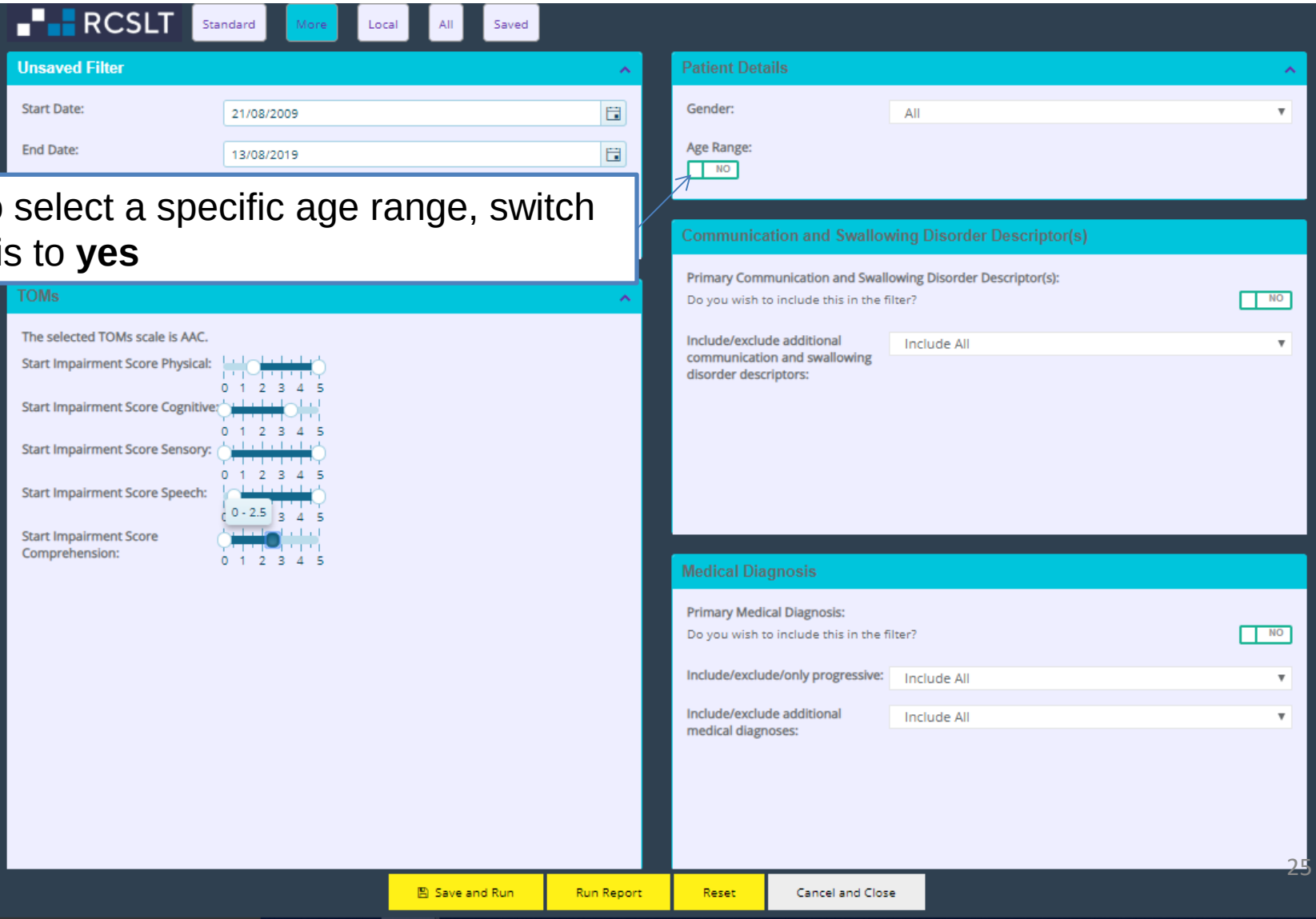
If you are interested in looking at outcomes for service users with a start score that falls within a particular range for an impairment domain, use these scales to select the range that you are interested in. Otherwise, the default option is to include all.

Generating service-level reports – more options

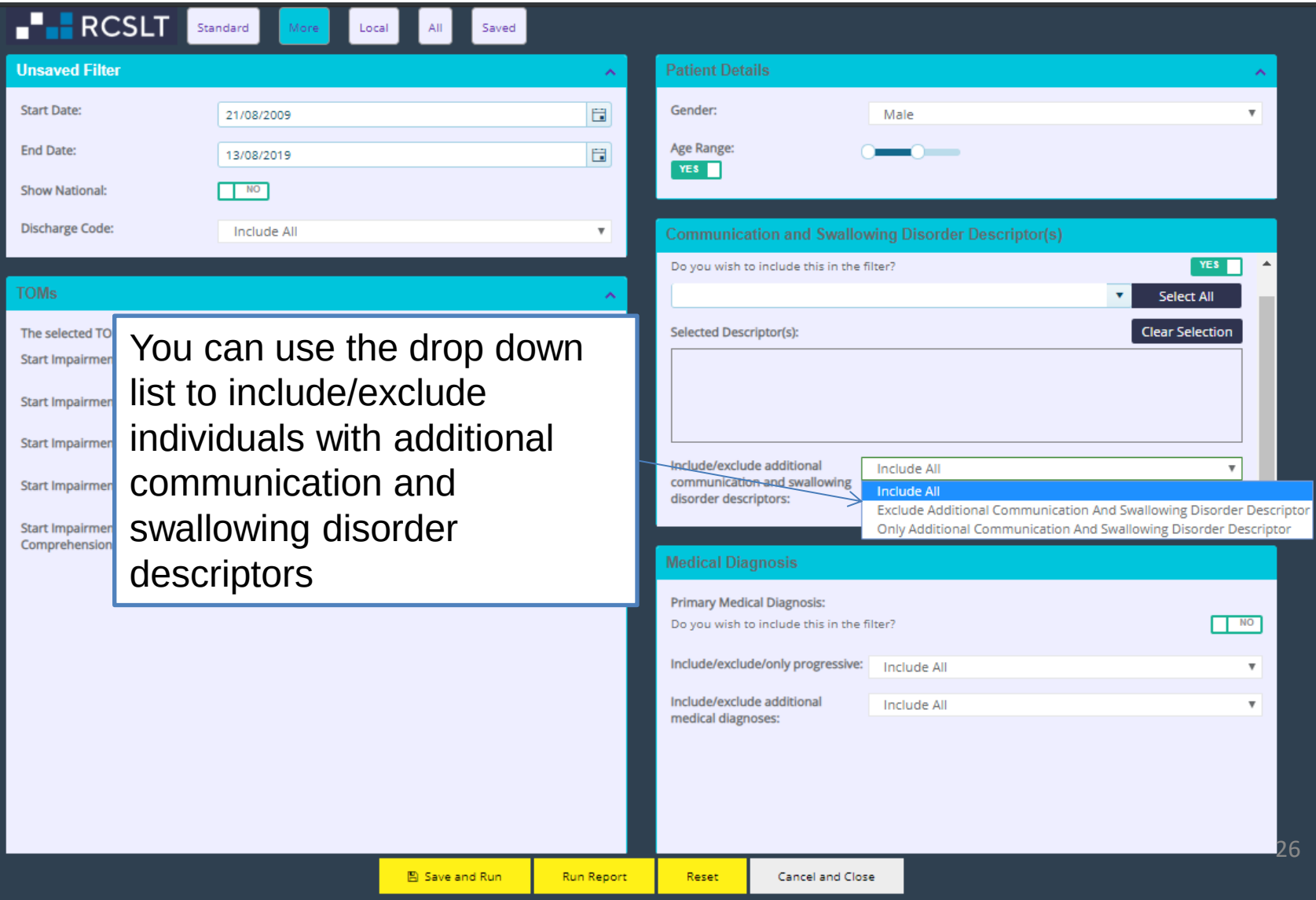


These options enable you to focus in on service users that fall within a particular age range or gender. Otherwise, the report will include all by default.

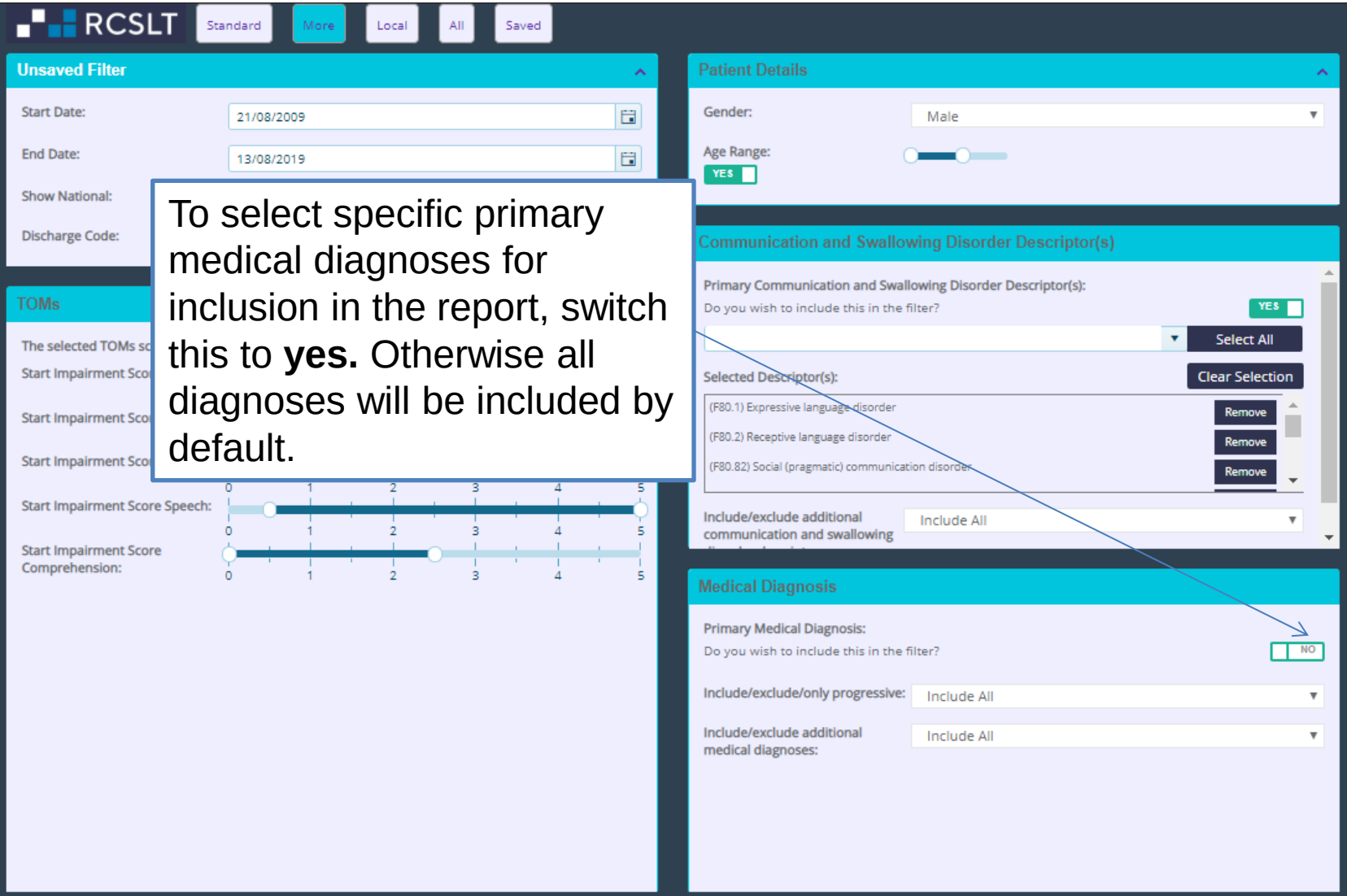
Generating service-level reports – more options



Generating service-level reports – more options

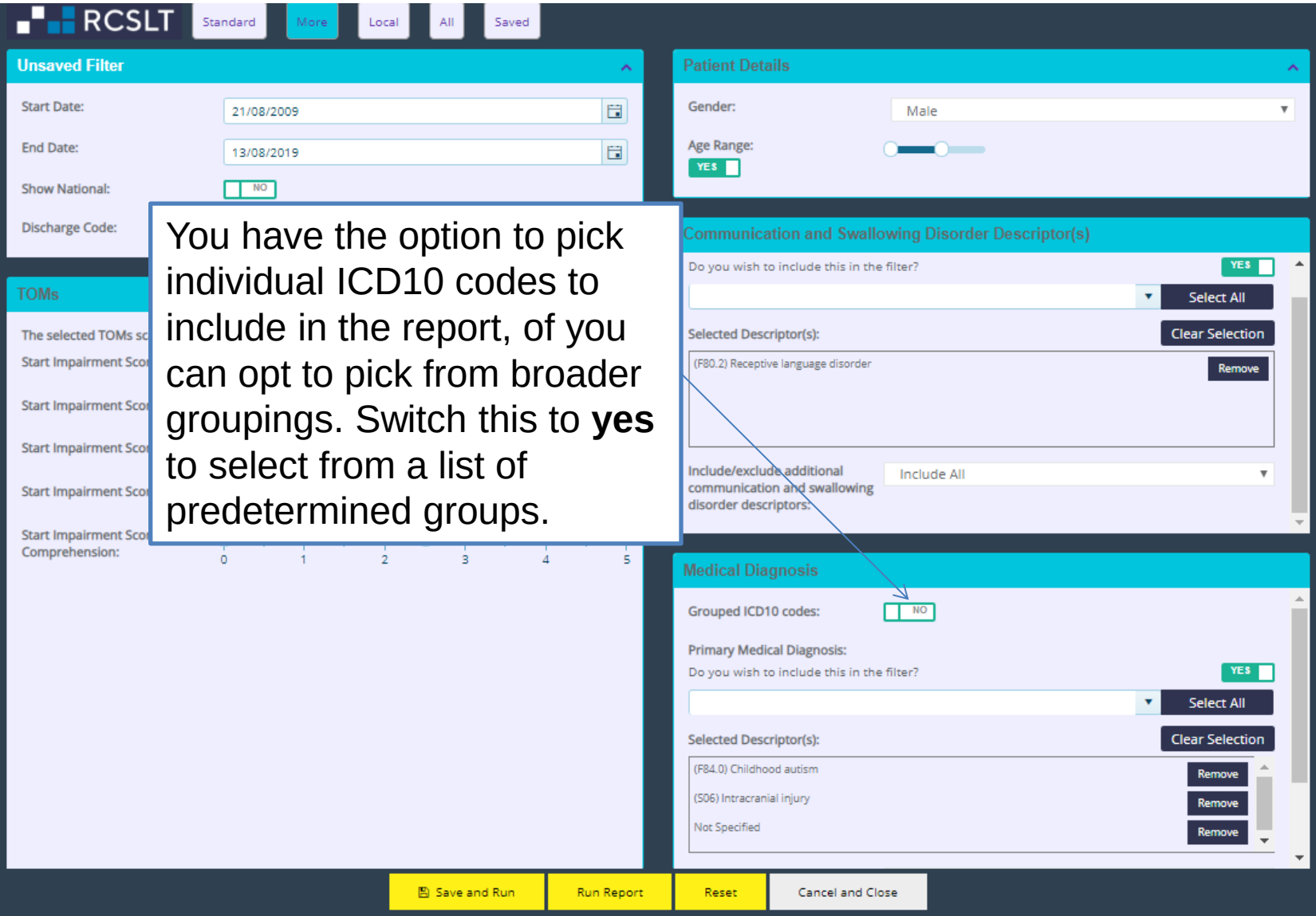


Generating service-level reports – more options

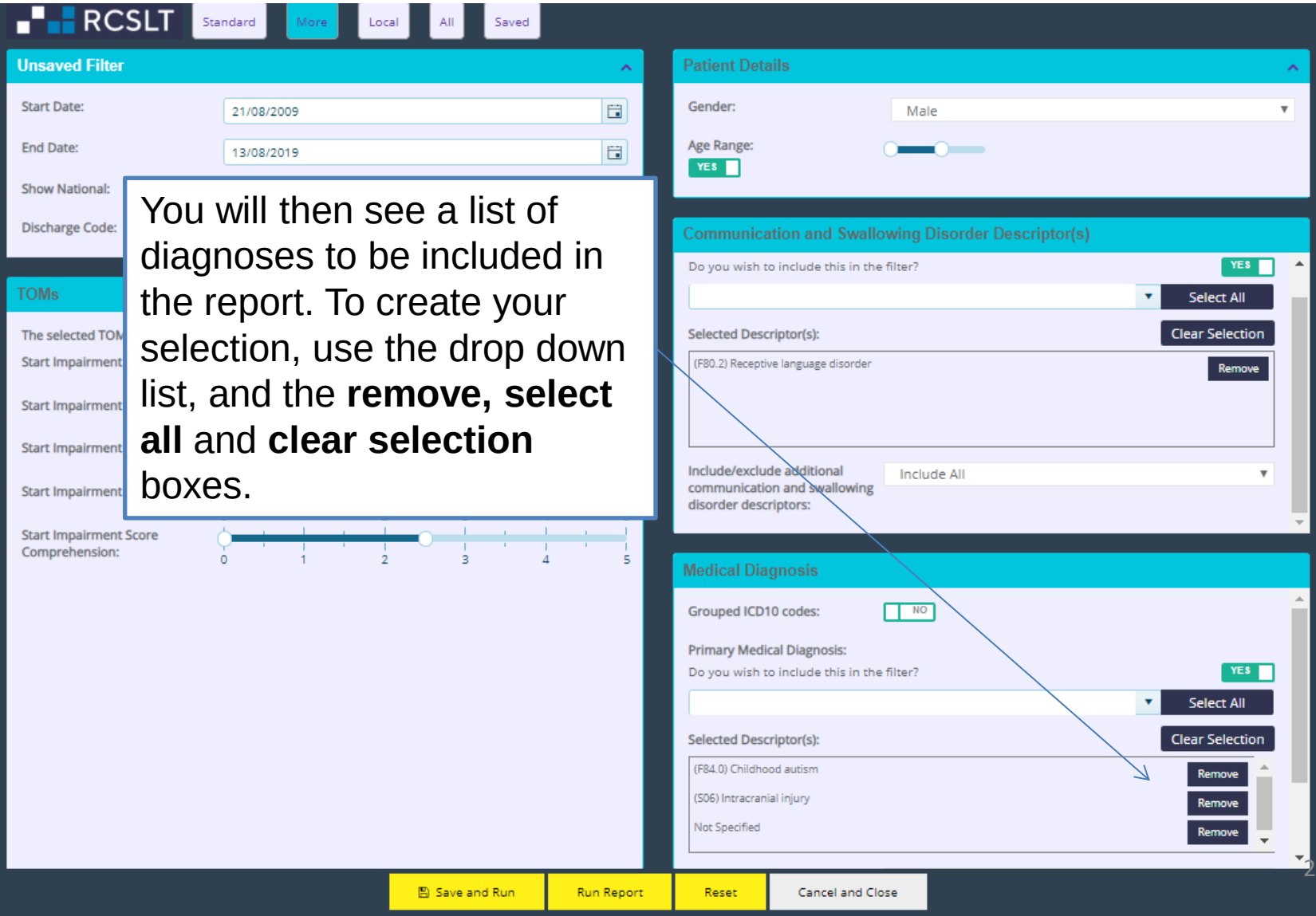


To select specific primary medical diagnoses for inclusion in the report, switch this to **yes.** Otherwise all diagnoses will be included by default.

Generating service-level reports – more options

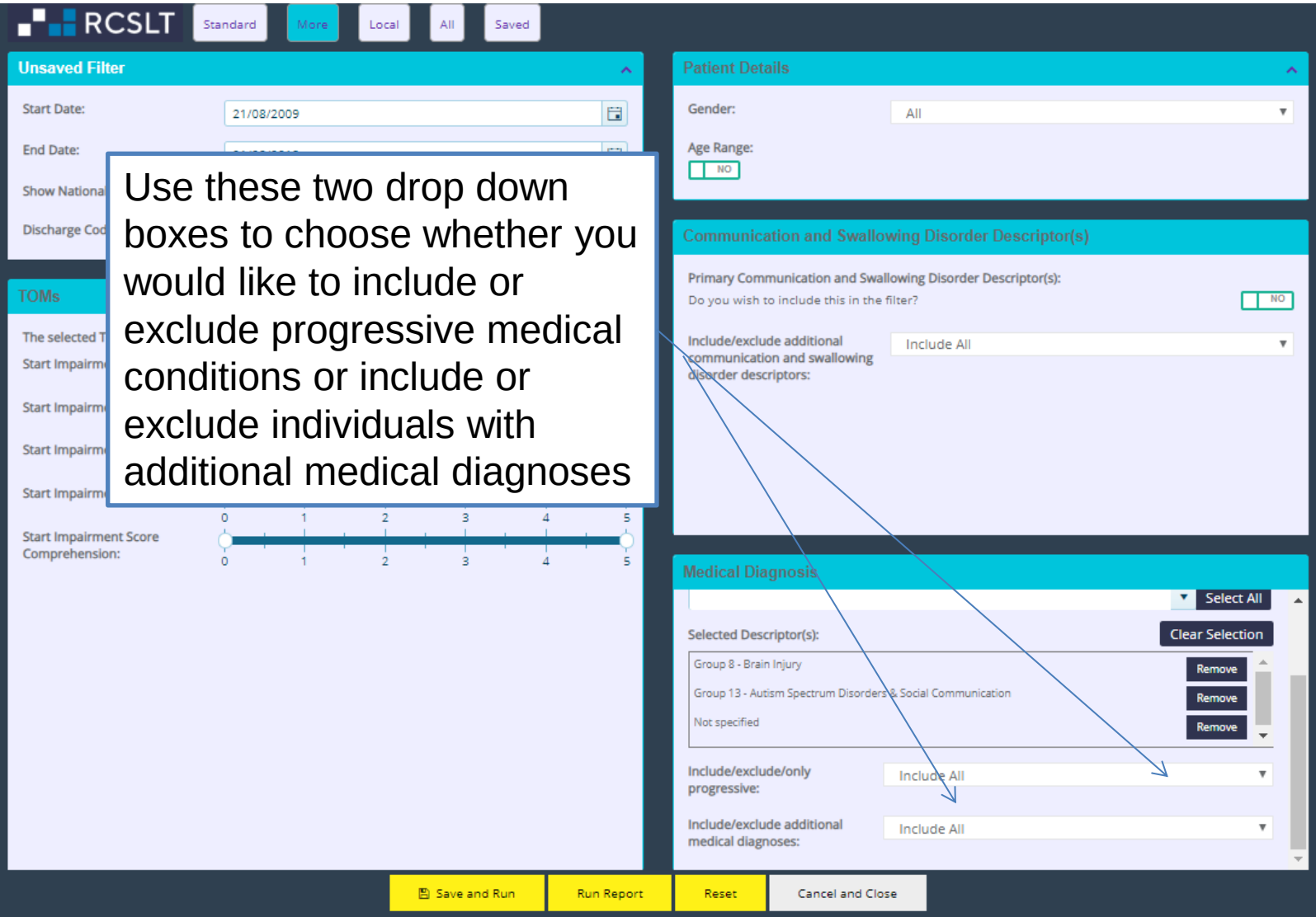


Generating service-level reports – more options

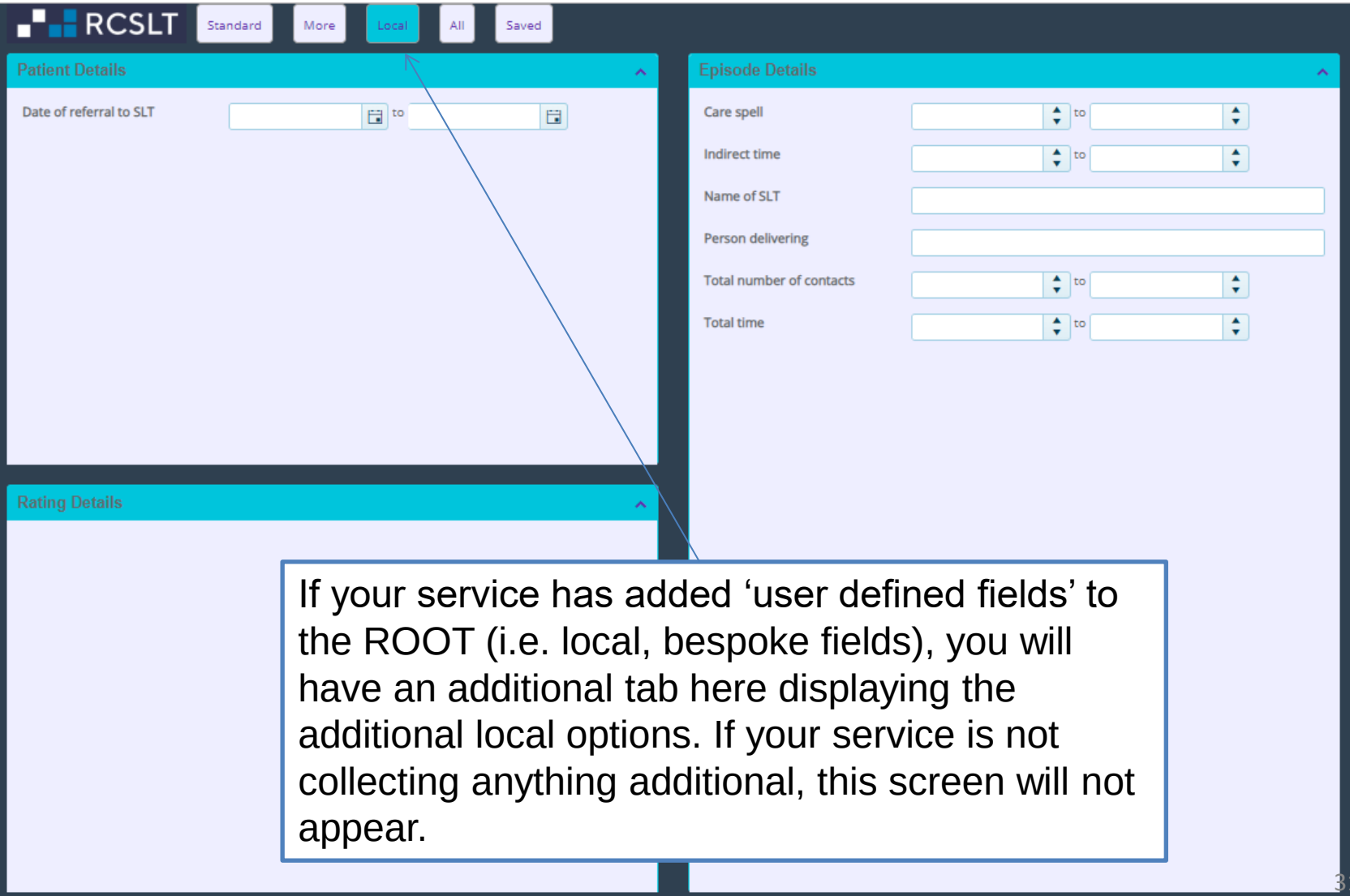


You will then see a list of diagnoses to be included in the report. To create your selection, use the drop down list, and the **remove, select all** and **clear selection** boxes.

Generating service-level reports – more options

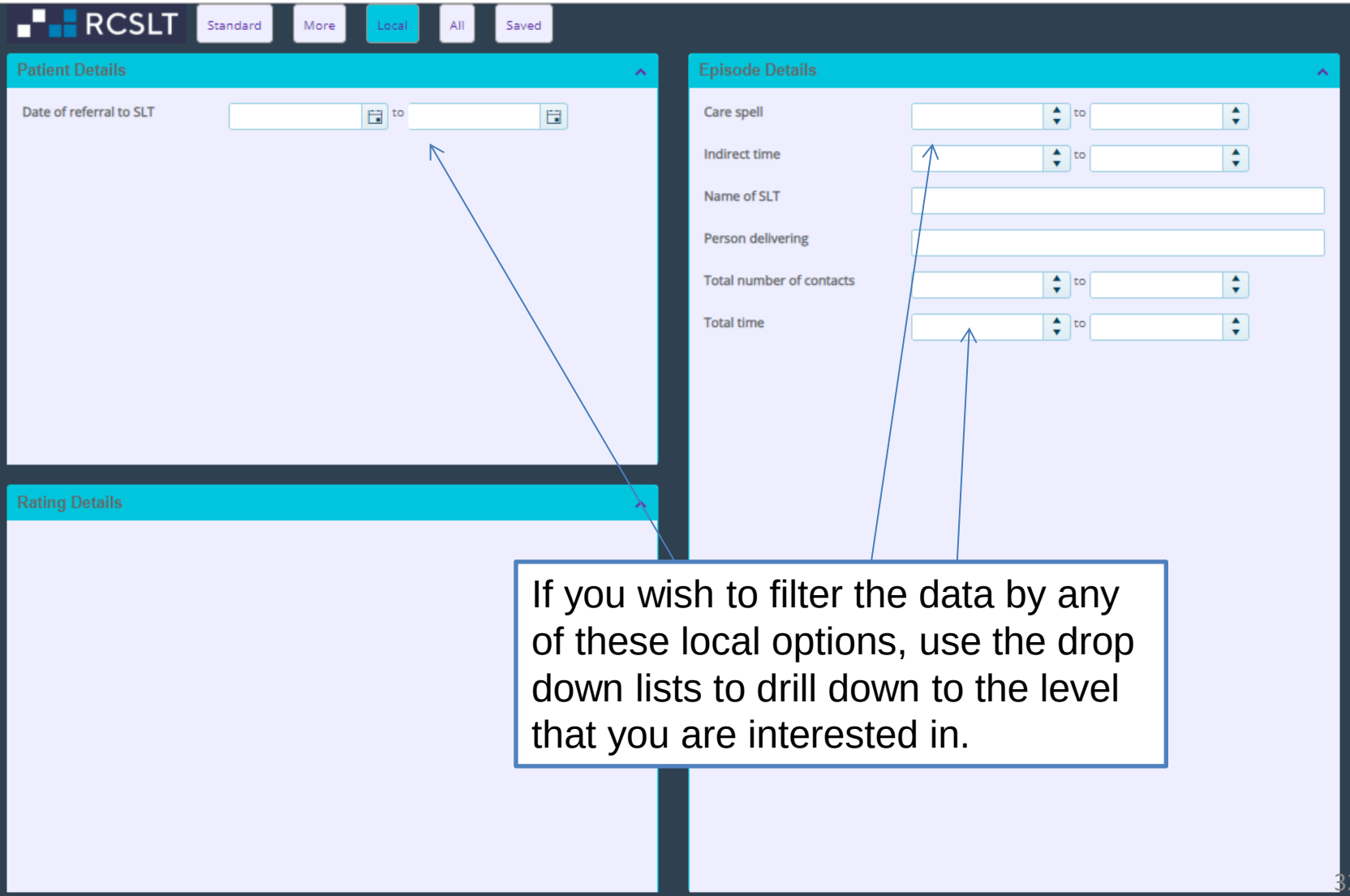


Generating service-level reports – local options

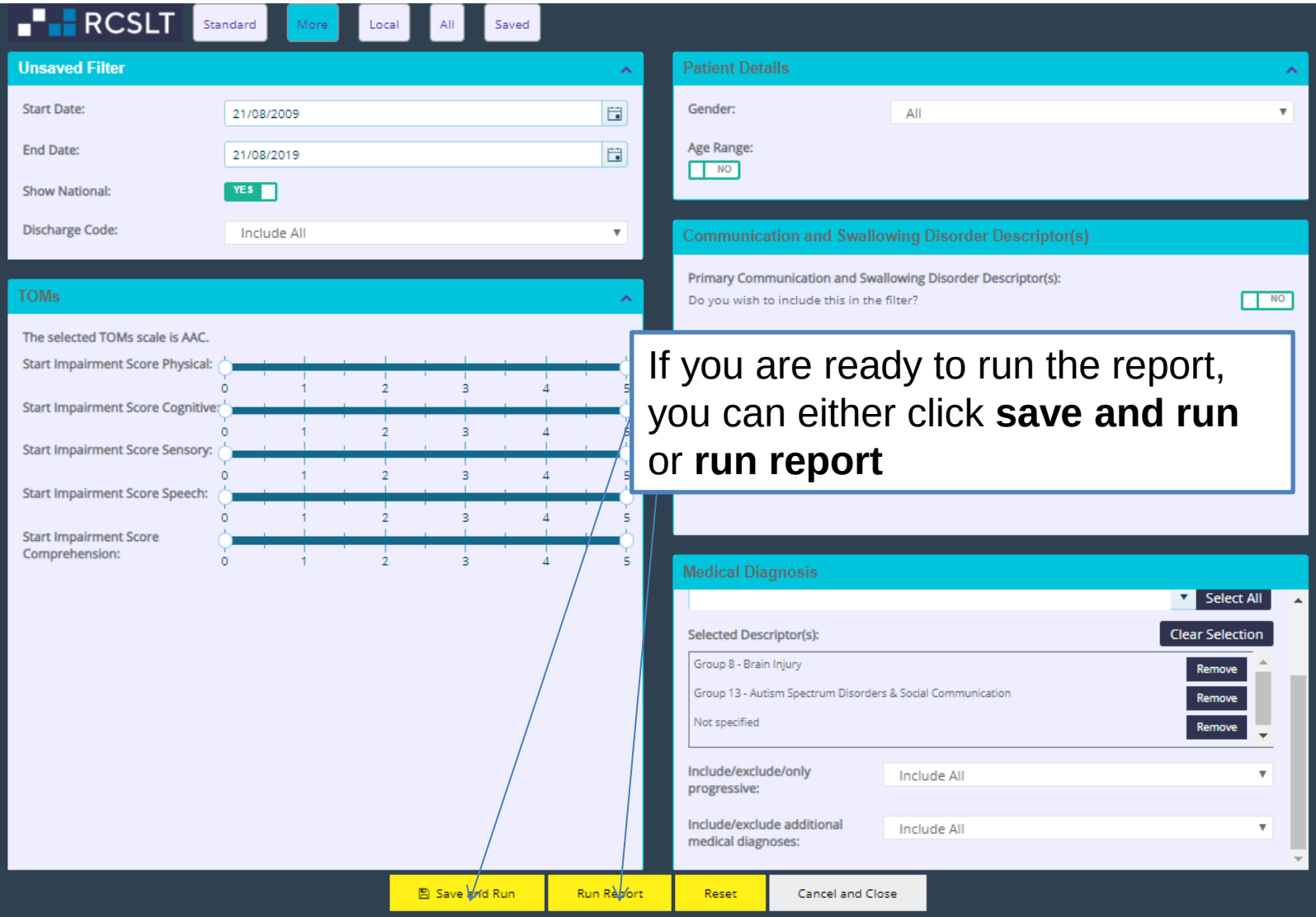


If your service has added ‘user defined fields’ to the ROOT (i.e. local, bespoke fields), you will have an additional tab here displaying the additional local options. If your service is not collecting anything additional, this screen will not appear.

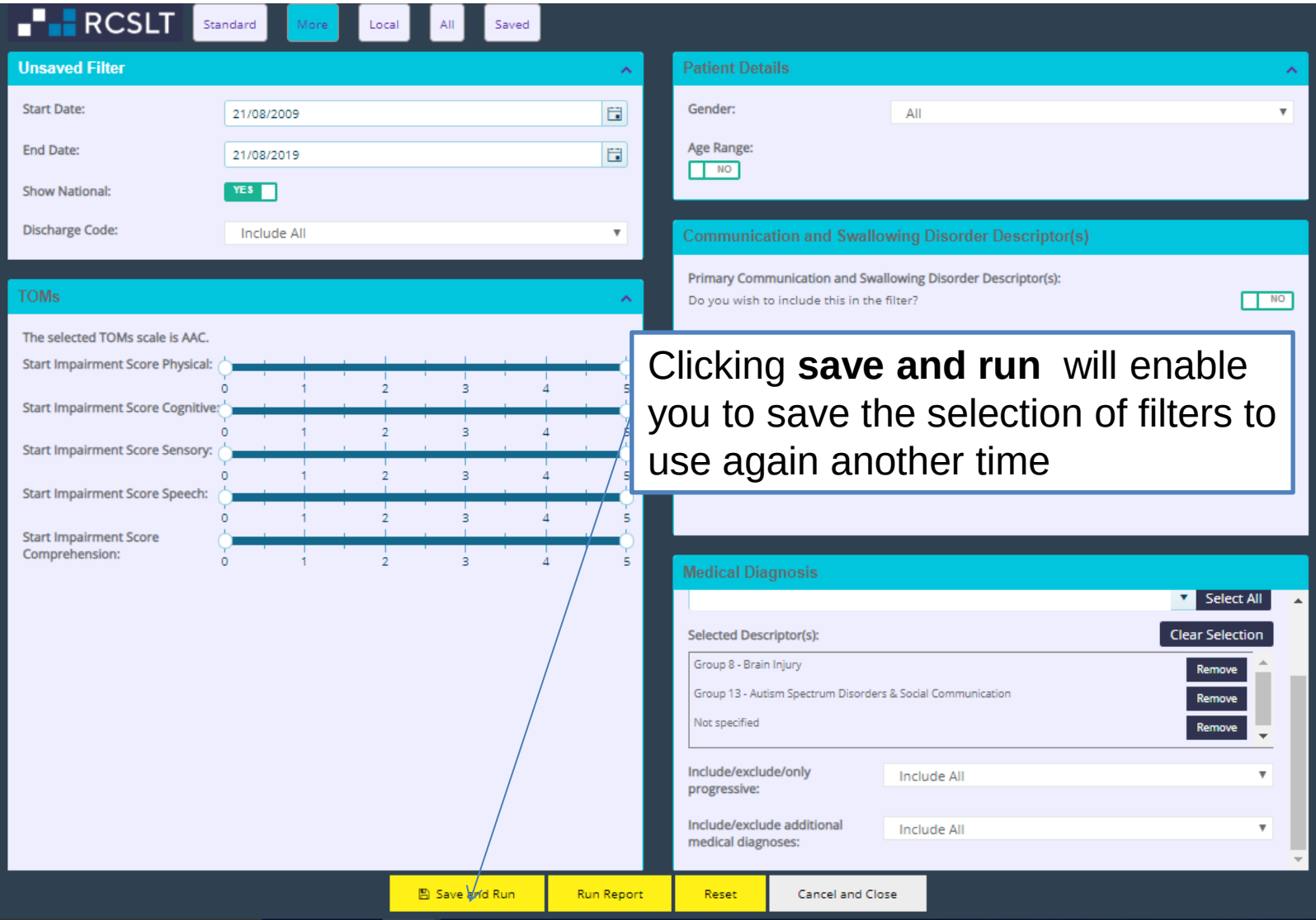
Generating service-level reports – local options



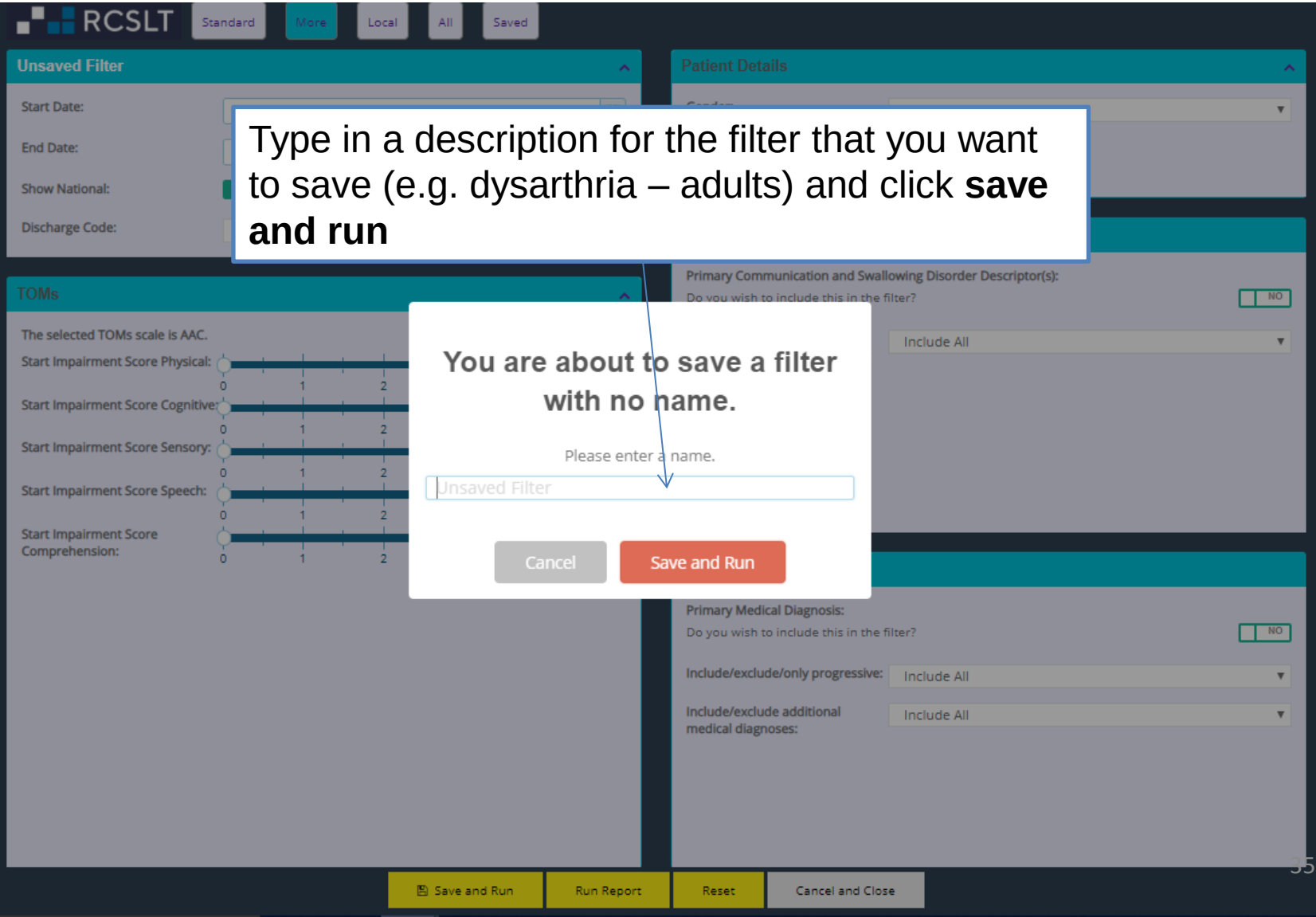
Generating service-level reports – running a report



Generating service-level reports – save and run

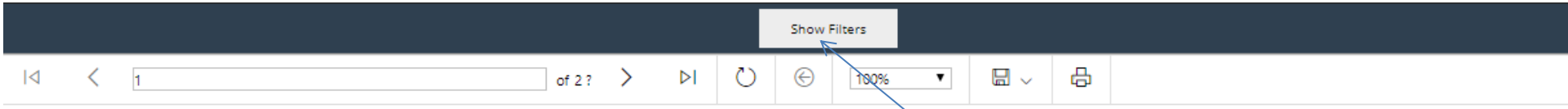


Generating service-level reports – save and run



Type in a description for the filter that you want to save (e.g. dysarthria – adults) and click **save and run**

Generating service-level reports – save and run



The front page of the report will appear on your screen

You can click **show filters** at any time to amend your selection

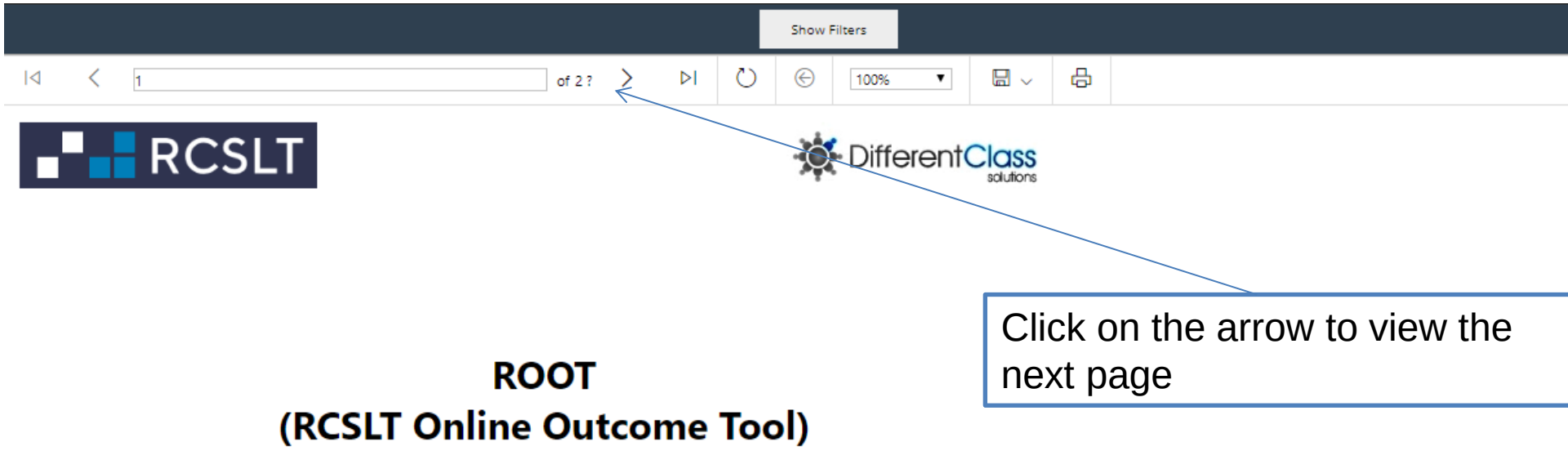
ROOT
(RCSLT Online Outcome Tool)

(AAC) R01 Change between initial and final TOMs scores across each domain (bar-chart) **NEW**

Page: 1

21/08/2019 15:01:17

Generating service-level reports – save and run



Click on the arrow to view the next page

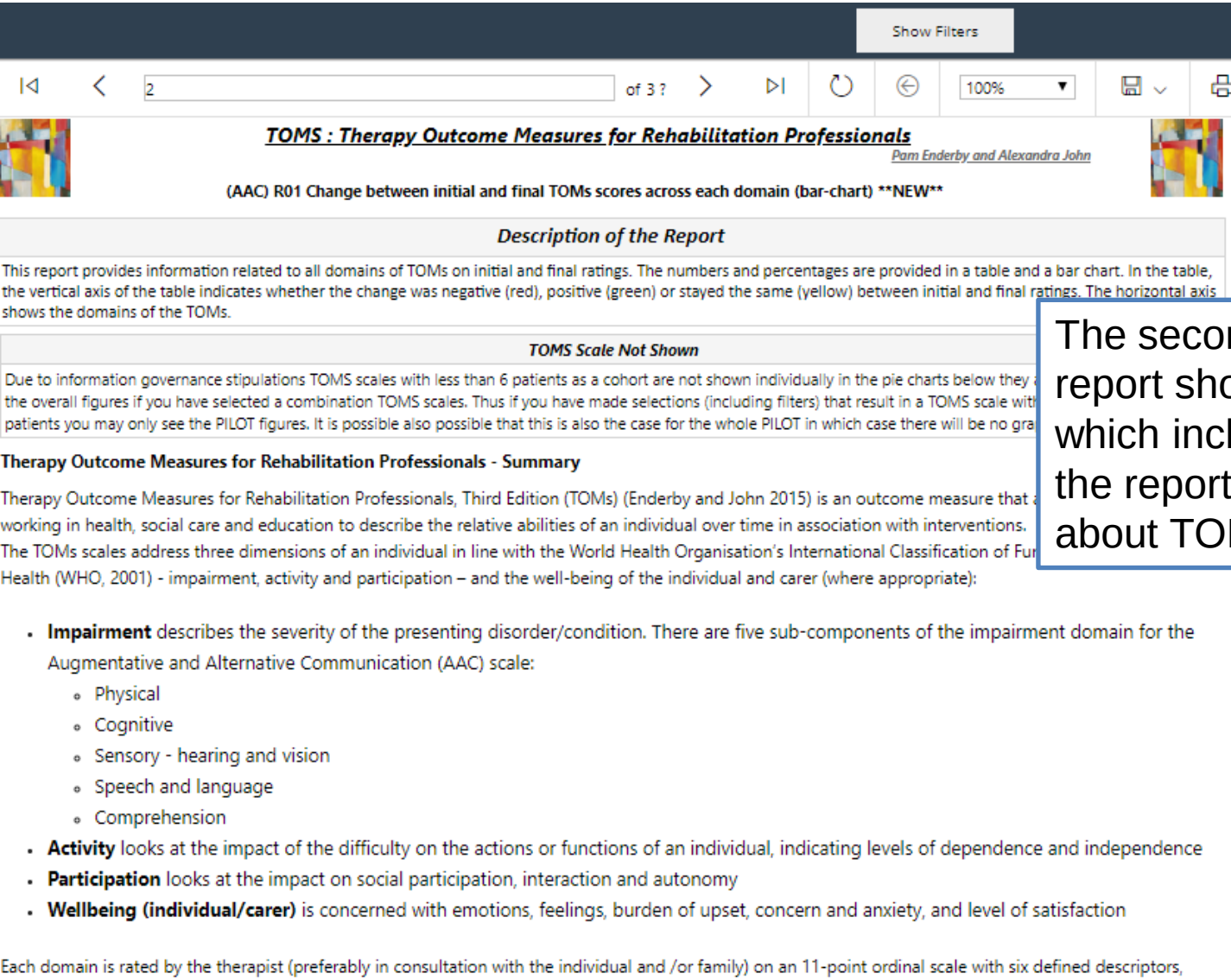
ROOT
(RCSLT Online Outcome Tool)

(AAC) R01 Change between initial and final TOMs scores across each domain (bar-chart) **NEW**

Page: 1

21/08/2019 15:01:17

Generating service-level reports – save and run


Show Filters

2 of 3 ? 100%

TOMS : Therapy Outcome Measures for Rehabilitation Professionals

Pam Enderby and Alexandra John

(AAC) R01 Change between initial and final TOMs scores across each domain (bar-chart) **NEW**

Description of the Report

This report provides information related to all domains of TOMs on initial and final ratings. The numbers and percentages are provided in a table and a bar chart. In the table, the vertical axis of the table indicates whether the change was negative (red), positive (green) or stayed the same (yellow) between initial and final ratings. The horizontal axis shows the domains of the TOMs.

TOMS Scale Not Shown

Due to information governance stipulations TOMS scales with less than 6 patients as a cohort are not shown individually in the pie charts below they
the overall figures if you have selected a combination TOMS scales. Thus if you have made selections (including filters) that result in a TOMS scale wit
patients you may only see the PILOT figures. It is possible also possible that this is also the case for the whole PILOT in which case there will be no gra

Therapy Outcome Measures for Rehabilitation Professionals - Summary

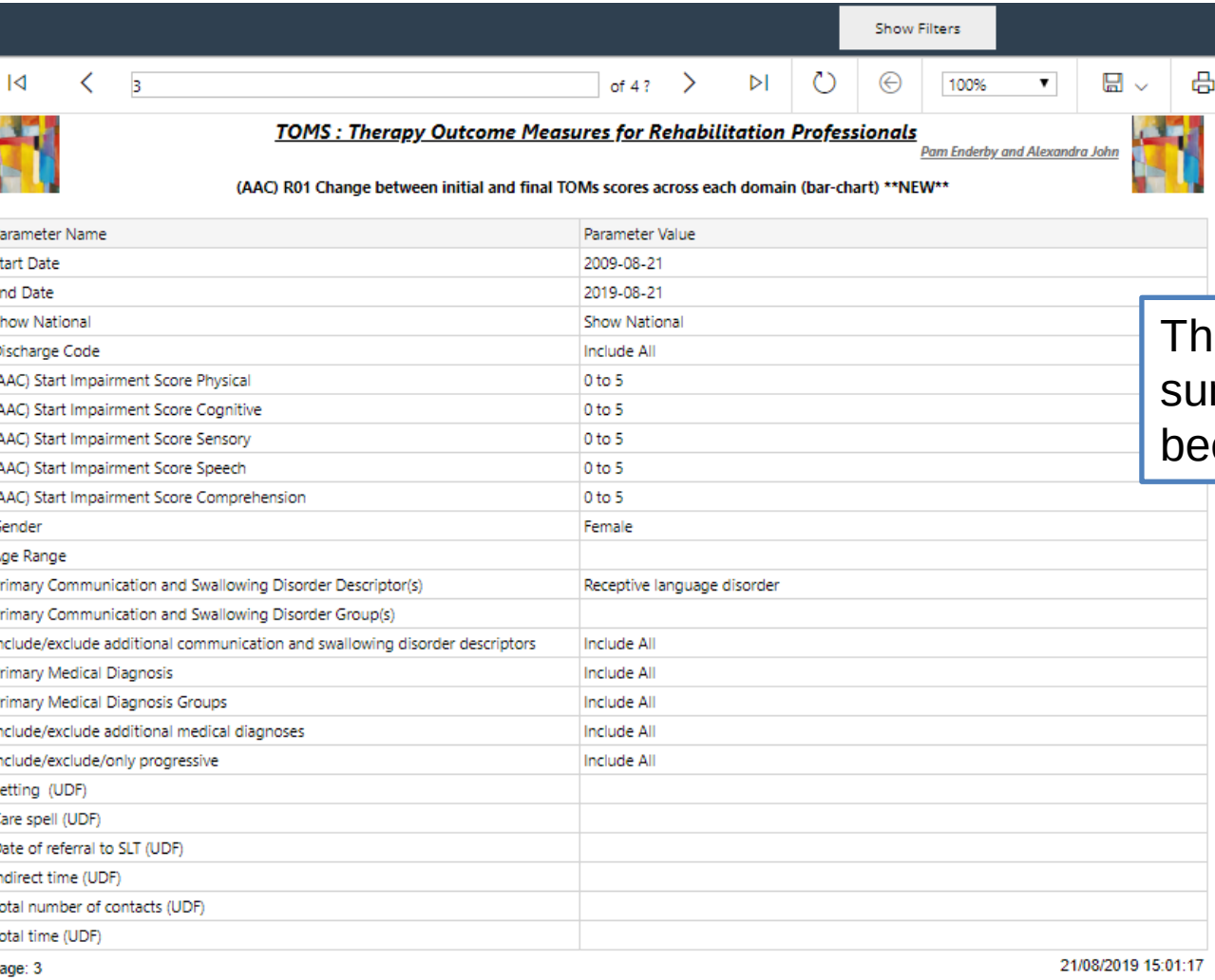
Therapy Outcome Measures for Rehabilitation Professionals, Third Edition (TOMs) (Enderby and John 2015) is an outcome measure that
working in health, social care and education to describe the relative abilities of an individual over time in association with interventions.
The TOMs scales address three dimensions of an individual in line with the World Health Organisation's International Classification of Fu
Health (WHO, 2001) - impairment, activity and participation – and the well-being of the individual and carer (where appropriate):

- **Impairment** describes the severity of the presenting disorder/condition. There are five sub-components of the impairment domain for the Augmentative and Alternative Communication (AAC) scale:
  - Physical
  - Cognitive
  - Sensory - hearing and vision
  - Speech and language
  - Comprehension
- **Activity** looks at the impact of the difficulty on the actions or functions of an individual, indicating levels of dependence and independence
- **Participation** looks at the impact on social participation, interaction and autonomy
- **Wellbeing (individual/carer)** is concerned with emotions, feelings, burden of upset, concern and anxiety, and level of satisfaction

Each domain is rated by the therapist (preferably in consultation with the individual and /or family) on an 11-point ordinal scale with six defined descriptors,

The second page of each report shows a cover sheet, which includes a description of the report and information about TOMs.

Generating service-level reports – save and run



The third page of each report summarises the filters that have been applied to the report

Sample data report (AAC) R01: Change in TOMs scores between initial and final ratings across each domain

Data from your team/service

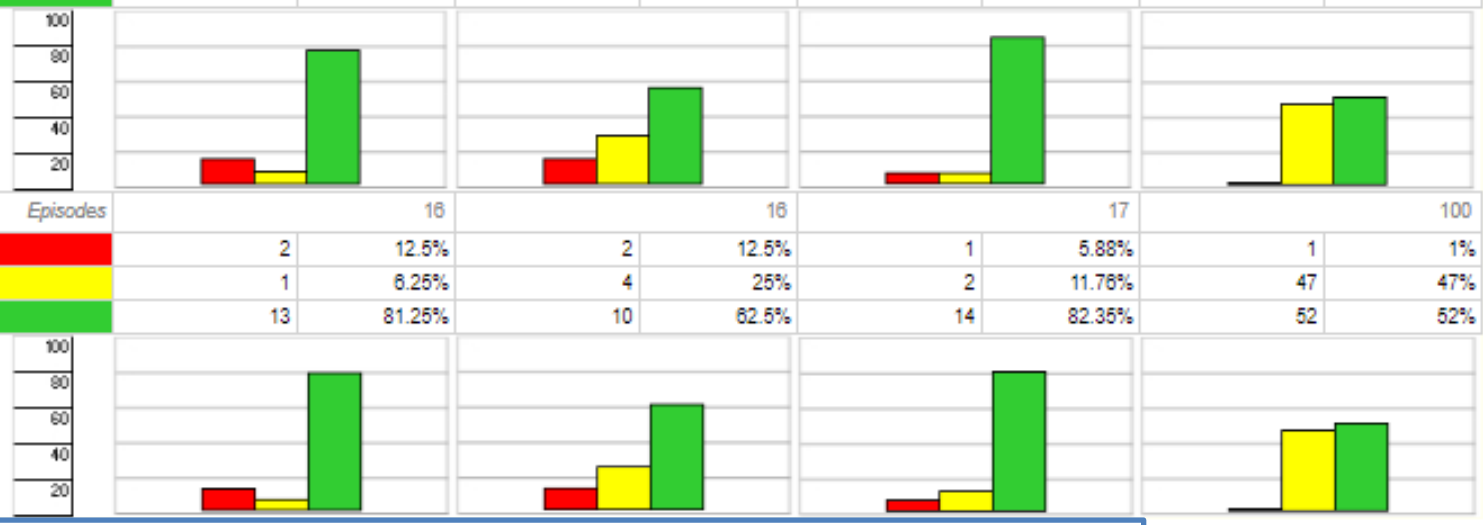
The fourth page of each report displays the data for the non-impairment domains

4 of 5 ? 100%

TOMS : Therapy Outcome Measures for Rehabilitation

(AAC) R01 Change between initial and final TOMs scores across each dom

Non-Impairment Domains	Movement	Activity #	Activity %	Participation #	Participation %	Wellbeing #	Wellbeing %	Carer Wellbeing #	Carer Wellbeing %
.RCSLT Staff Test Base Episodes: (277) Patients: (275)	Episodes	14		14		15		98	
	Down	2	14.29%	2	14.29%	1	6.67%	1	1.02%
	Same	1	7.14%	4	28.57%	1	6.67%	46	46.94%
	Up	11	78.57%	8	57.14%	13	86.67%	51	52.04%
ROOT Total Episodes: (293) Patients: (291)	Episodes	16		16		17		100	
	Down	2	12.5%	2	12.5%	1	5.88%	1	1%
	Same	1	6.25%	4	25%	2	11.76%	47	47%
	Up	13	81.25%	10	62.5%	14	82.35%	52	52%



Comparison data from other teams/services using the ROOT

Page

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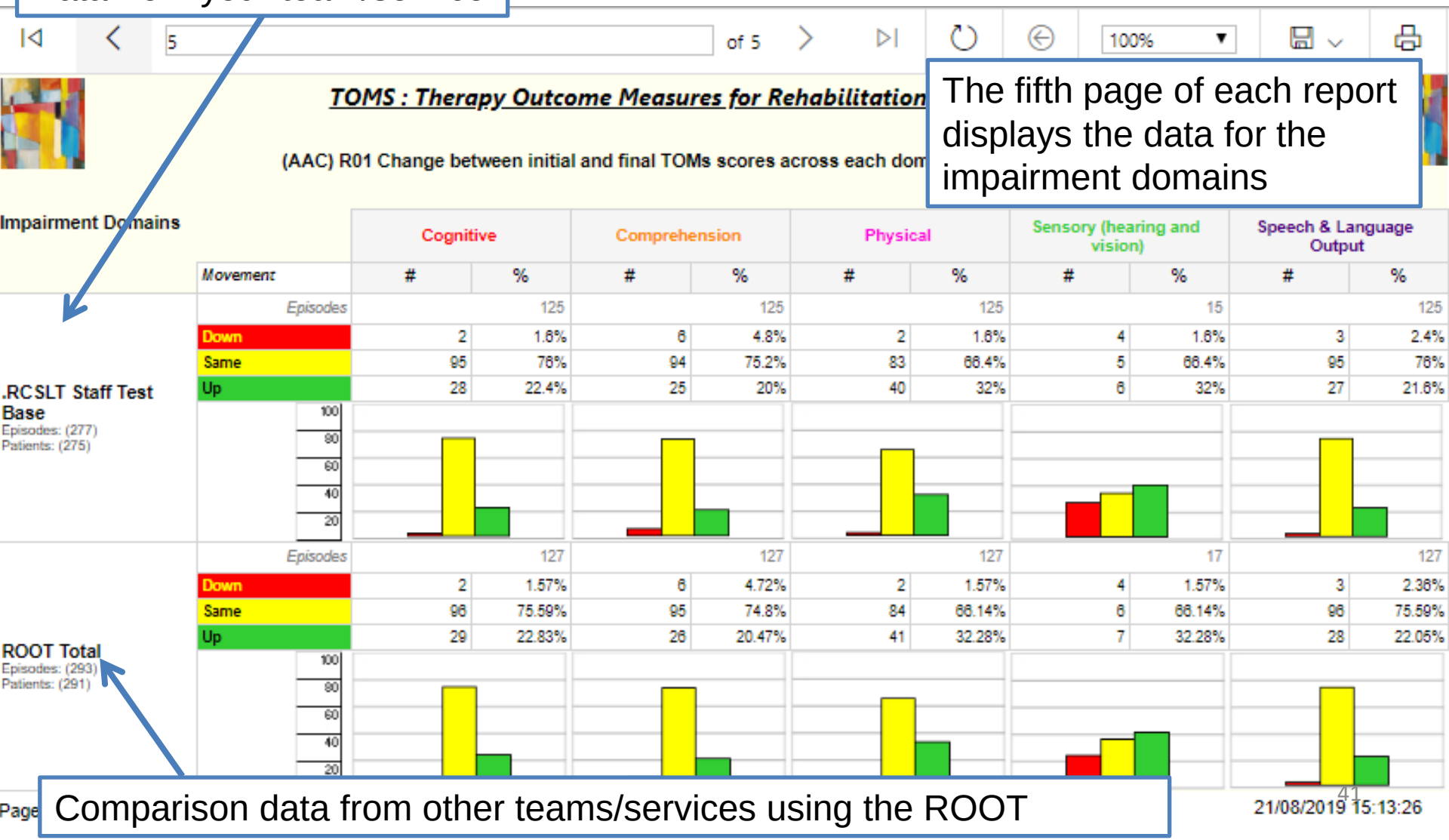
Sample data report (AAC) R01: Change in TOMs scores between initial and final ratings across each domain

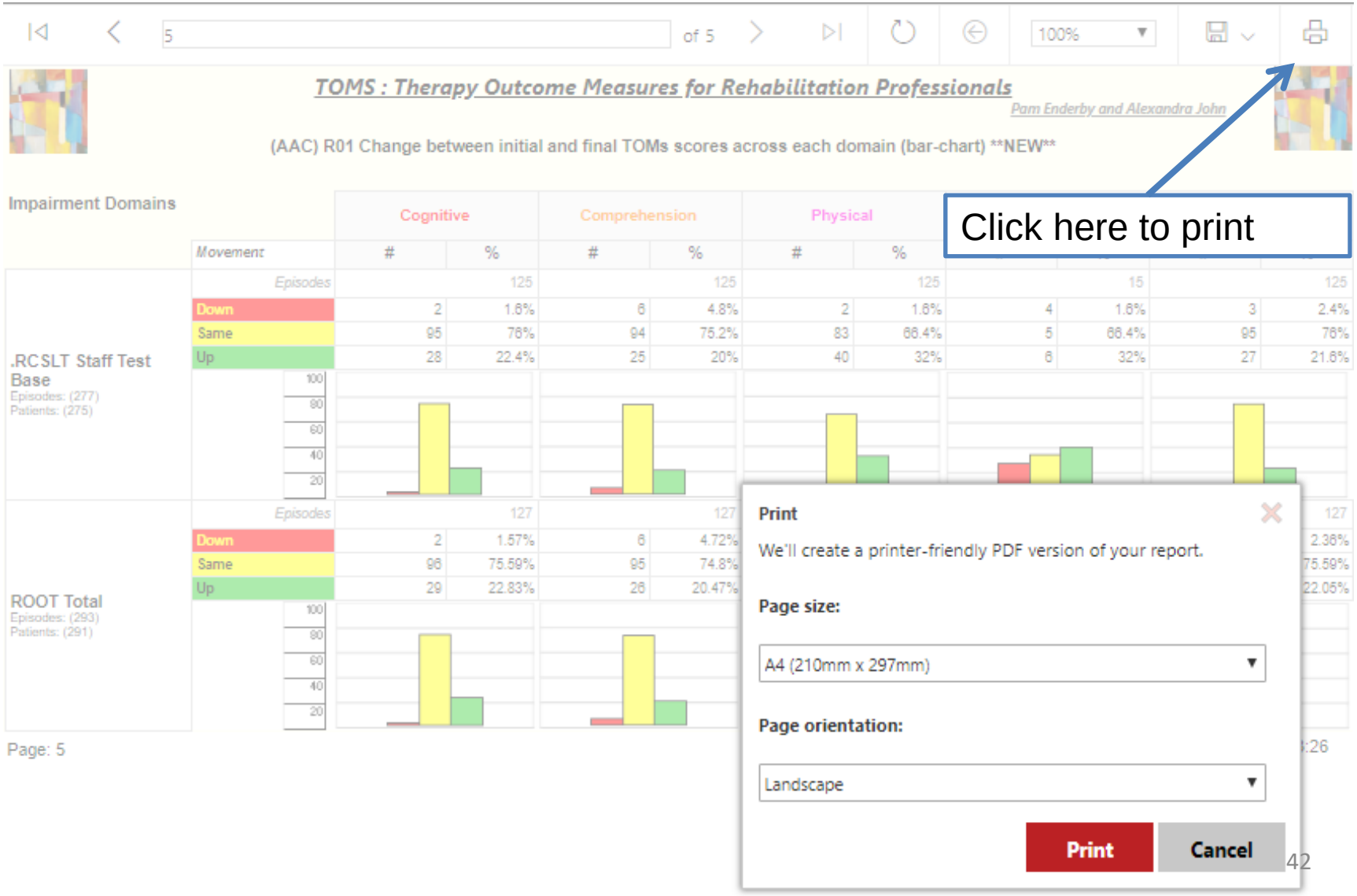
Data from your team/service

The fifth page of each report displays the data for the impairment domains

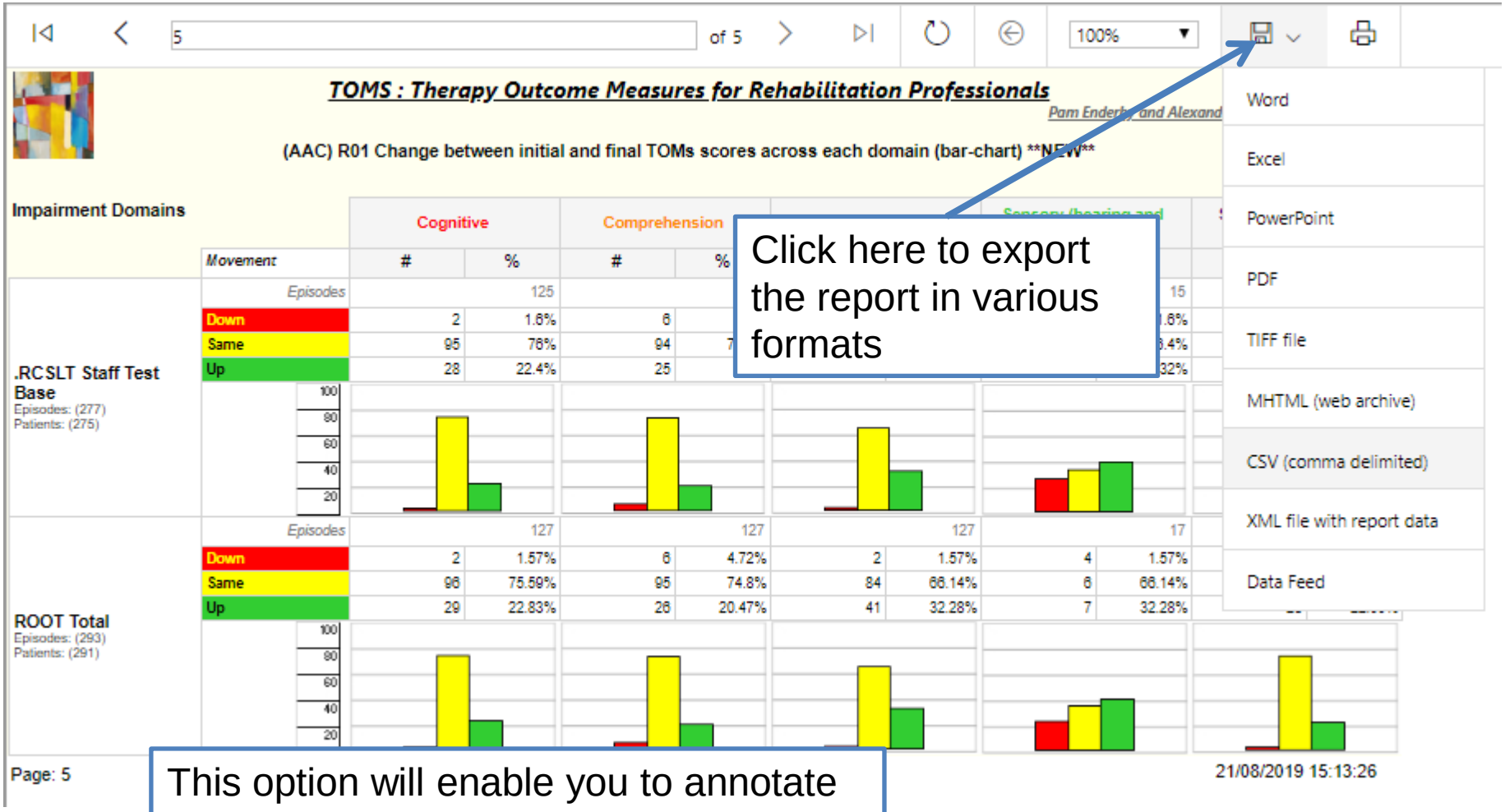


Comparison data from other teams/services using the ROOT

Generating service-level reports – printing your report

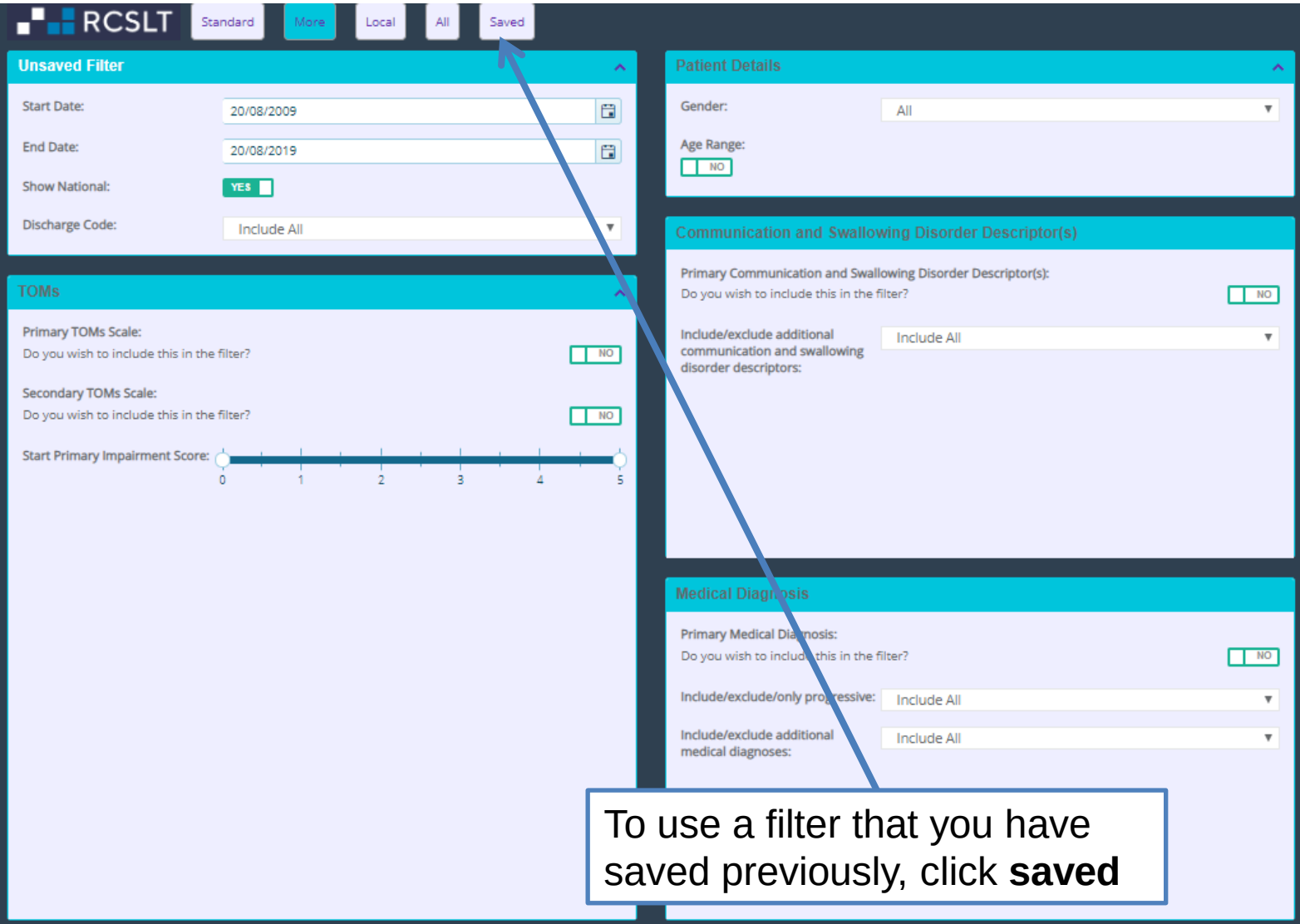


Generating service-level reports – exporting your report

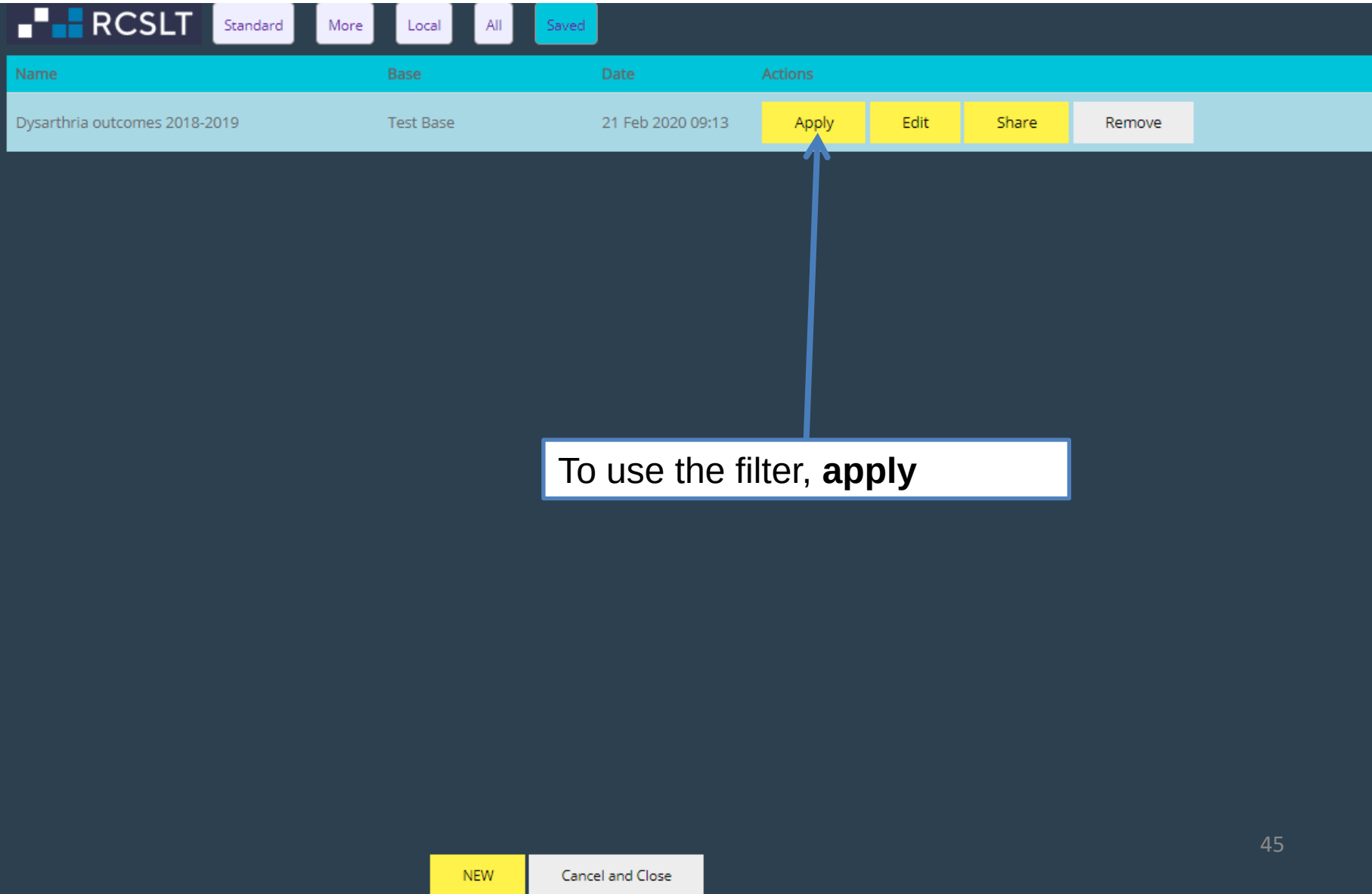


This option will enable you to annotate the report and/or add an accompanying narrative before printing

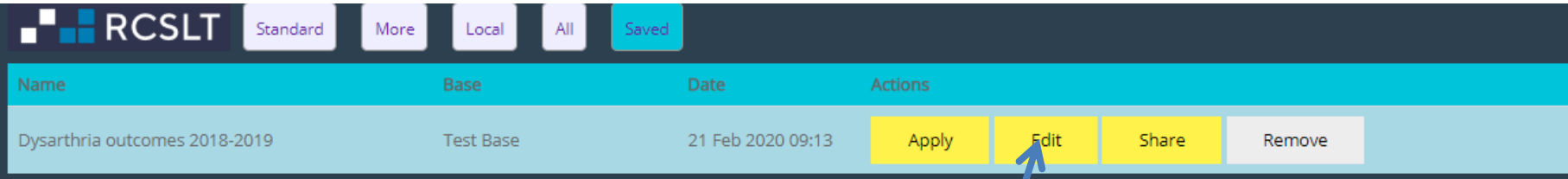
Generating service-level reports: using a saved filter



Generating service-level reports: using a saved filter



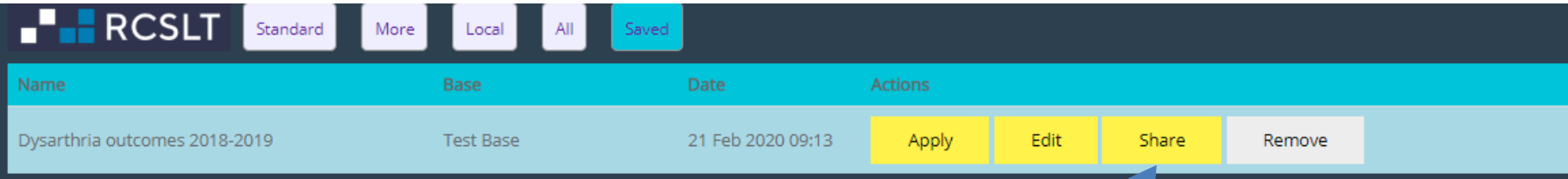
Generating service-level reports: using a saved filter



Click **edit** to amend any of the selections before running the report

NEW
Cancel and Close

Generating service-level reports: using a saved filter

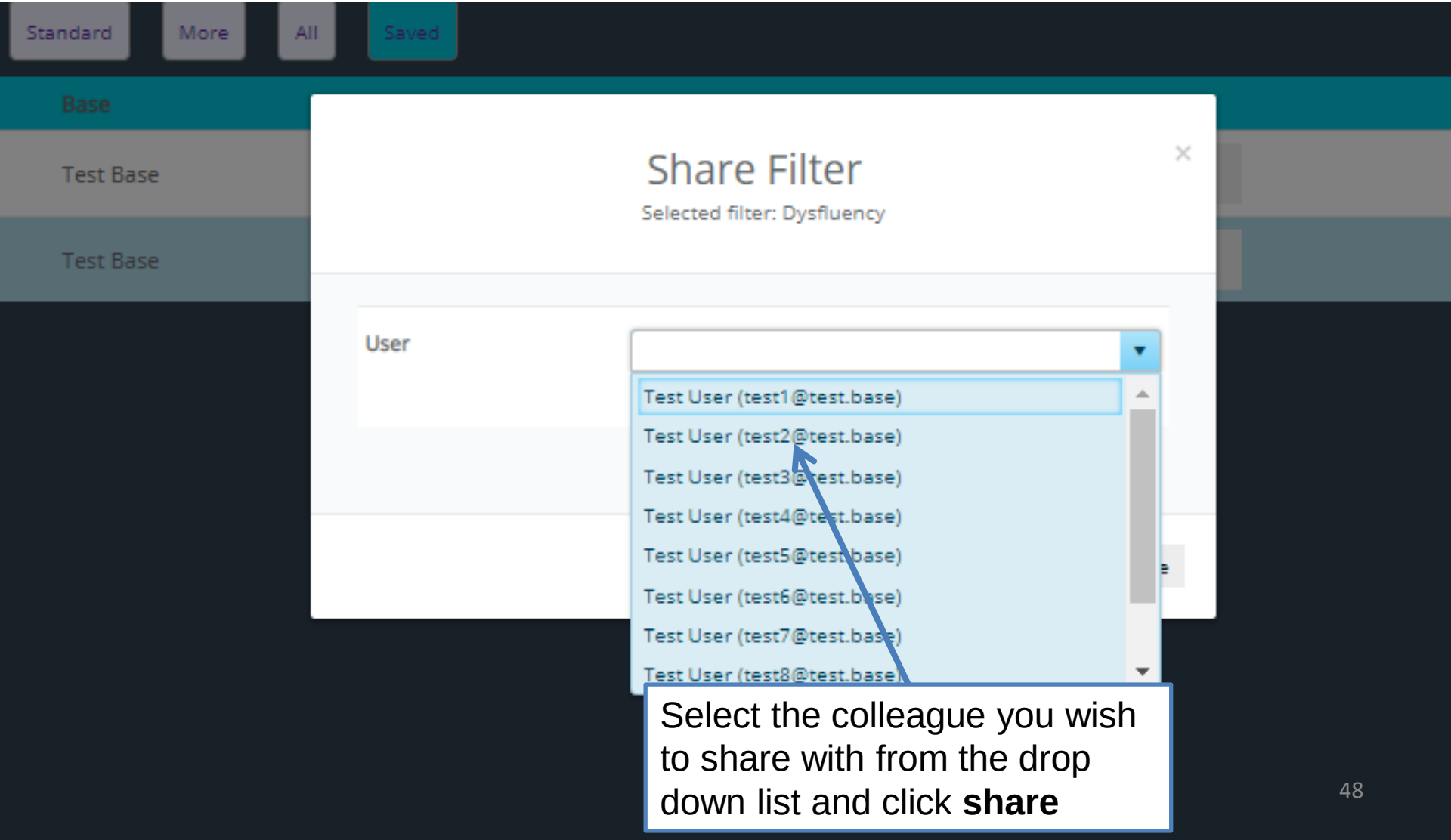


To share a filter with a colleagues, click **share**

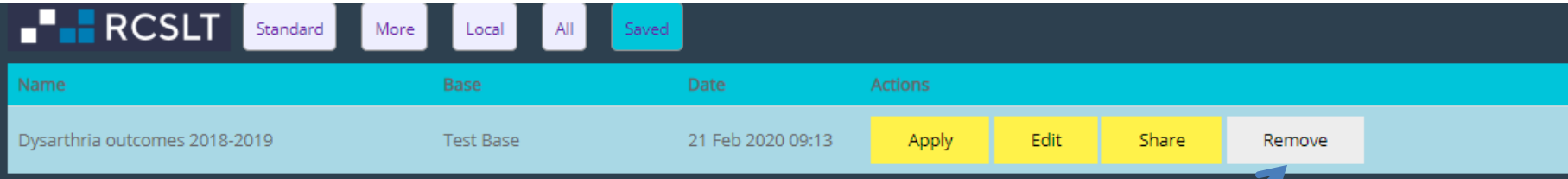
NEW

Cancel and Close

Generating service-level reports: using a saved filter



Generating service-level reports: using a saved filter



To remove a saved filter from your list, click **remove**

NEW

Cancel and Close

NEXT STEPS

ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

Next steps

- There are additional modules available to support with generating reports:
  - Module 4.1: Generating reports for individual service users
  - Module 4.2: Generating service-level reports: general and quarterly reports
  - Module 4.4: Generating service-level data reports using the old report viewer (archived reports)
- Contact ROOT@rcslt.org should you have any queries or questions.
- Please let us know what you think. Use the 'Leave Feedback' button on the ROOT to tell us about your experiences of using the tool and to make suggestions for what could be improved.

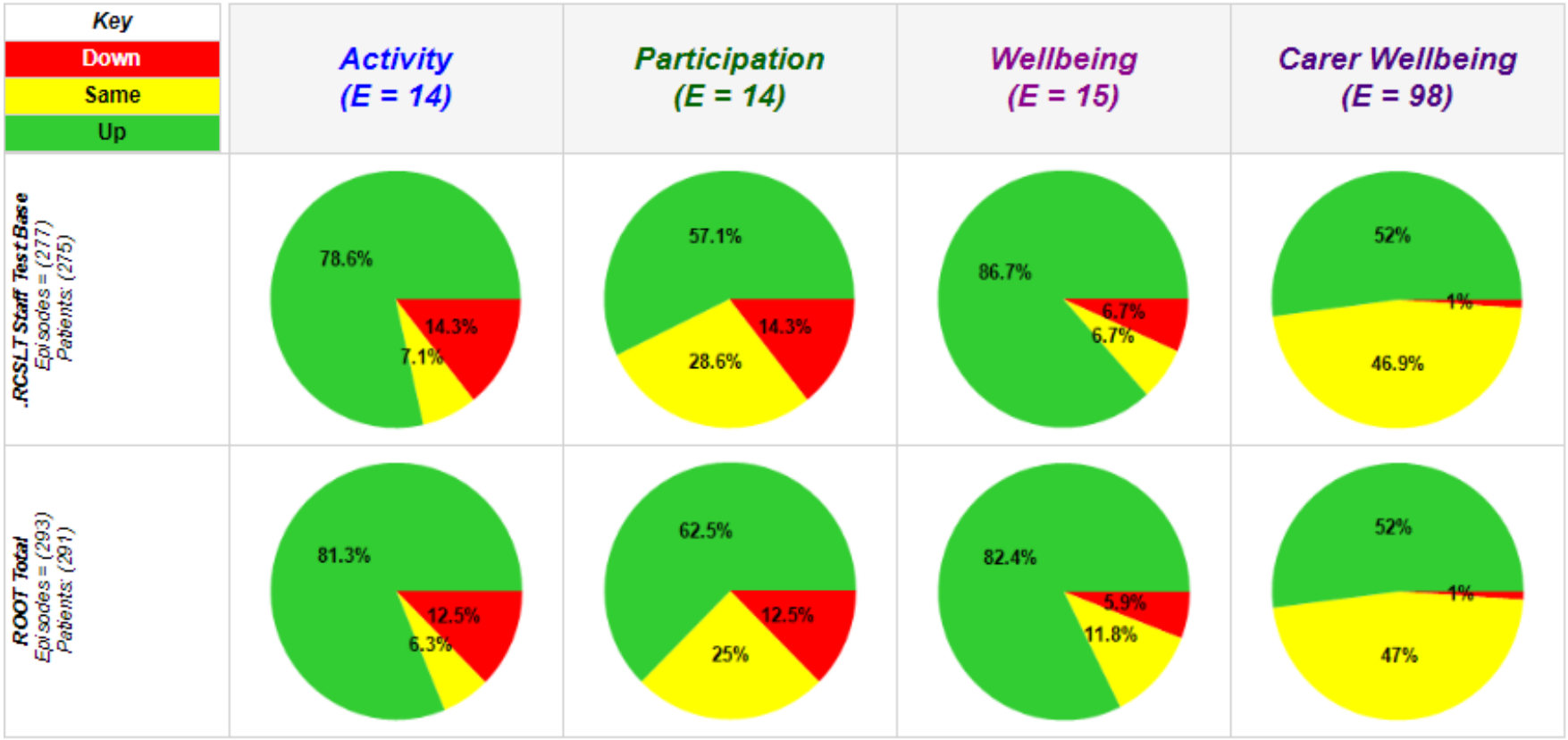
ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

SAMPLE DATA REPORTS

ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

(AAC)R02 Change between initial and final TOMs scores across each domain (pie chart)

Non-Impairment Domains



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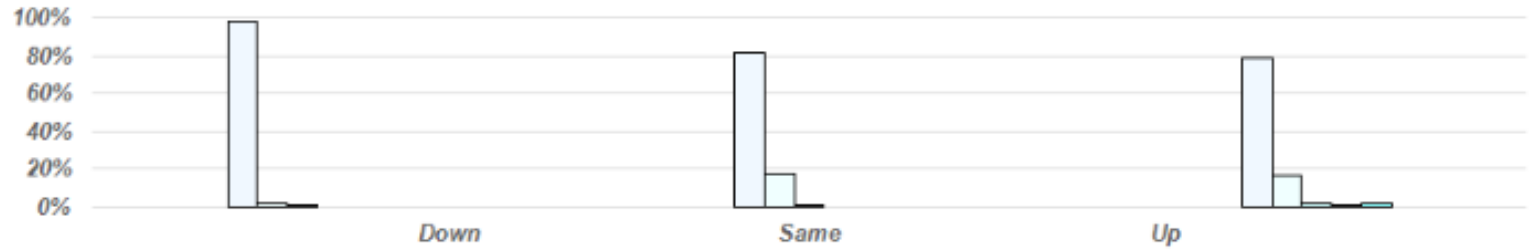
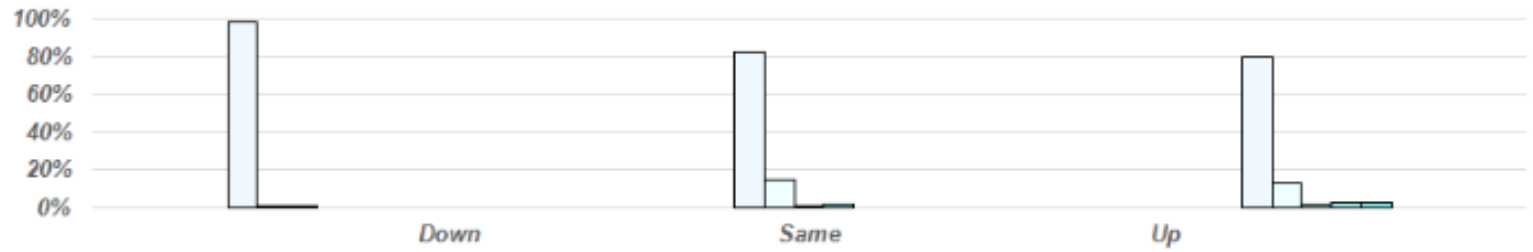
(AAC)R03 Number of people improved

Non-Impairment Domains		In Four Domains		In Three Domains		In Two Domains		In One Domain		In No Domains	
		#	%	#	%	#	%	#	%	#	%
.RCSLT Staff Test Base Episodes: (277) Patients: (275)	Down	0	0%	0	0%	1	0.36%	4	1.44%	272	98.19%
	Same	0	0%	0	0%	1	0.36%	50	18.05%	226	81.59%
	Up	5	1.81%	3	1.08%	4	1.44%	46	16.61%	219	79.06%



ROOT Total Episodes: (383) Patients: (381)	Down	0	0%	0	0%	1	0.26%	4	1.04%	378	98.69%
	Same	0	0%	6	1.57%	5	1.31%	56	14.62%	316	82.51%
	Up	12	3.13%	9	2.35%	7	1.83%	49	12.79%	306	79.9%



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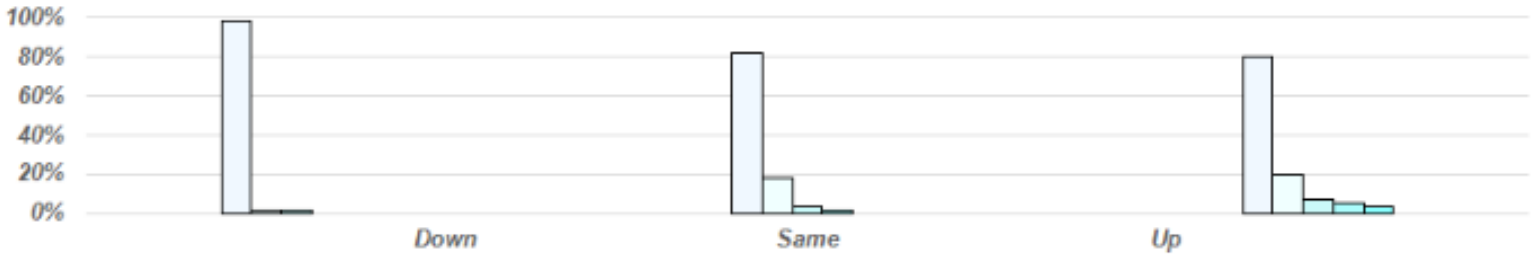
ROYAL COLLEGE OF SPEECH & LANGUAGE THERAPISTS

(AAC)R04 Number of people improved (compound report)

Non-Impairment Domains		In Four or More Domains		In Three or More Domains		In Two or More Domains		In One or More Domains		In No Domains	
		#	%	#	%	#	%	#	%	#	%
.RCSLT Staff Test Base Episodes: (277) Patients: (275)	Down	0	0%	0	0%	1	0.36%	5	1.81%	272	98.19%
	Same	0	0%	0	0%	1	0.36%	51	18.41%	226	81.59%
	Up	5	1.81%	8	2.89%	12	4.33%	58	20.94%	219	79.06%

ROOT Total Episodes: (383) Patients: (381)	Down	0	0%	0	0%	1	0.26%	5	1.31%	378	98.69%
	Same	0	0%	6	1.57%	11	2.87%	67	17.49%	316	82.51%
	Up	12	3.13%	21	5.48%	28	7.31%	77	20.1%	306	79.9%



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